


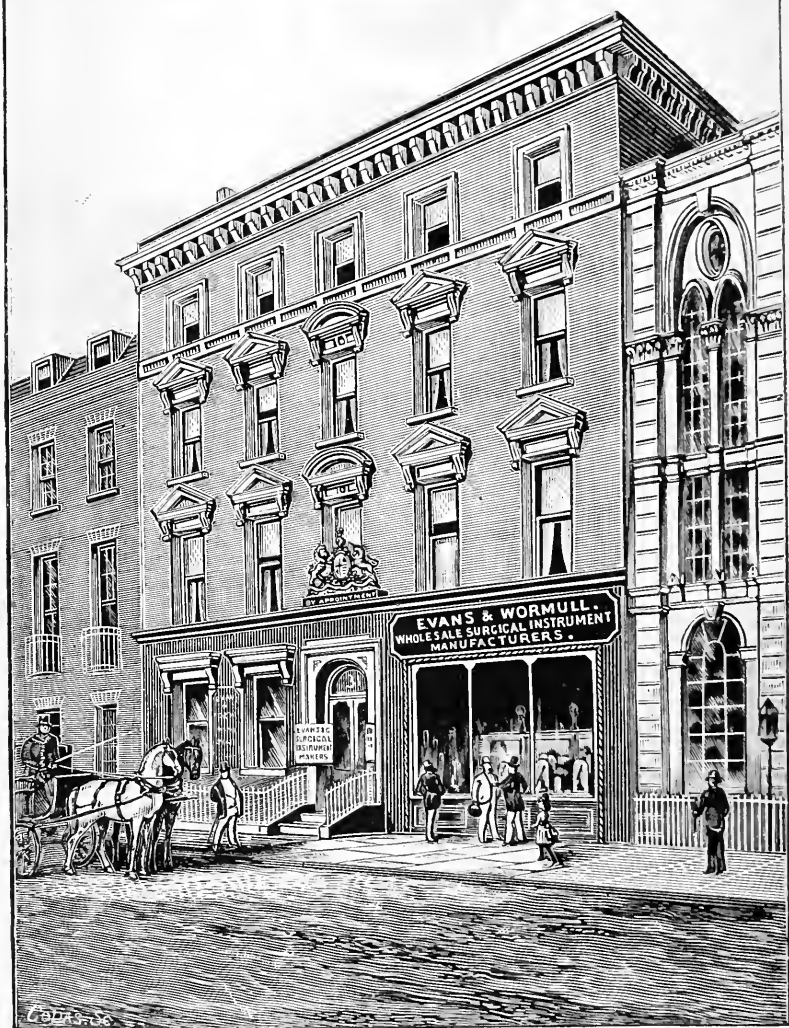
Illustrated Catalogue  
OF  
SURGICAL INSTRUMENTS,  
APPARATUS AND APPLIANCES,  
BY  
EVANS & WORMULL.

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EXTERIOR OF PREMISES.



Illustrated Catalogue  
OF  
SURGICAL INSTRUMENTS,  
APPARATUS AND APPLIANCES,  
BY  
EVANS & WORMULL,

MANUFACTURERS TO

*THE ARMY, NAVY, AND INDIAN GOVERNMENT,  
SEVERAL FOREIGN GOVERNMENTS,  
AND VARIOUS HOSPITALS AND PUBLIC INSTITUTIONS.*

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PRIZE MEDALS:—

LONDON, 1851; LONDON, 1862; PARIS, 1867; LONDON, 1873;  
SYDNEY, 1880; LONDON, 1881; MELBOURNE, 1881; ADELAIDE, 1882;  
BRISBANE, 1882; CALCUTTA, 1884.

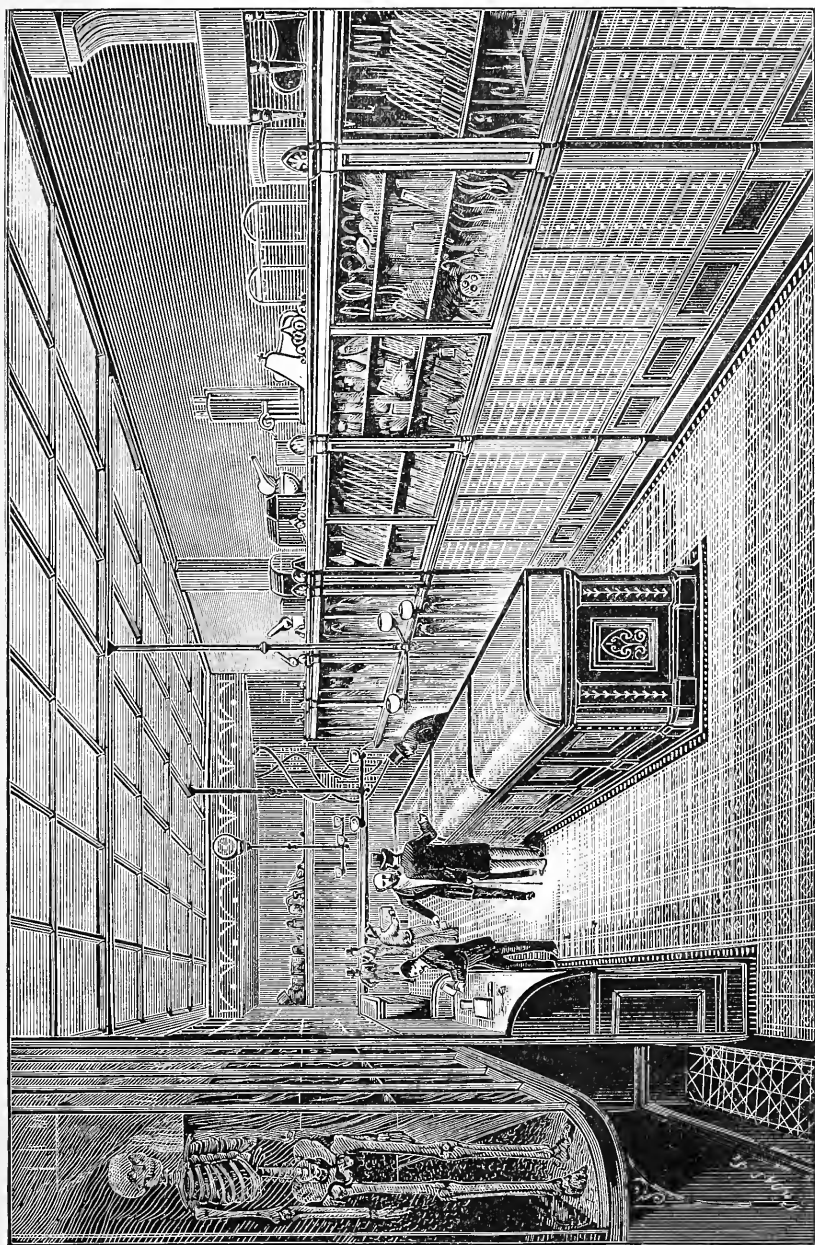
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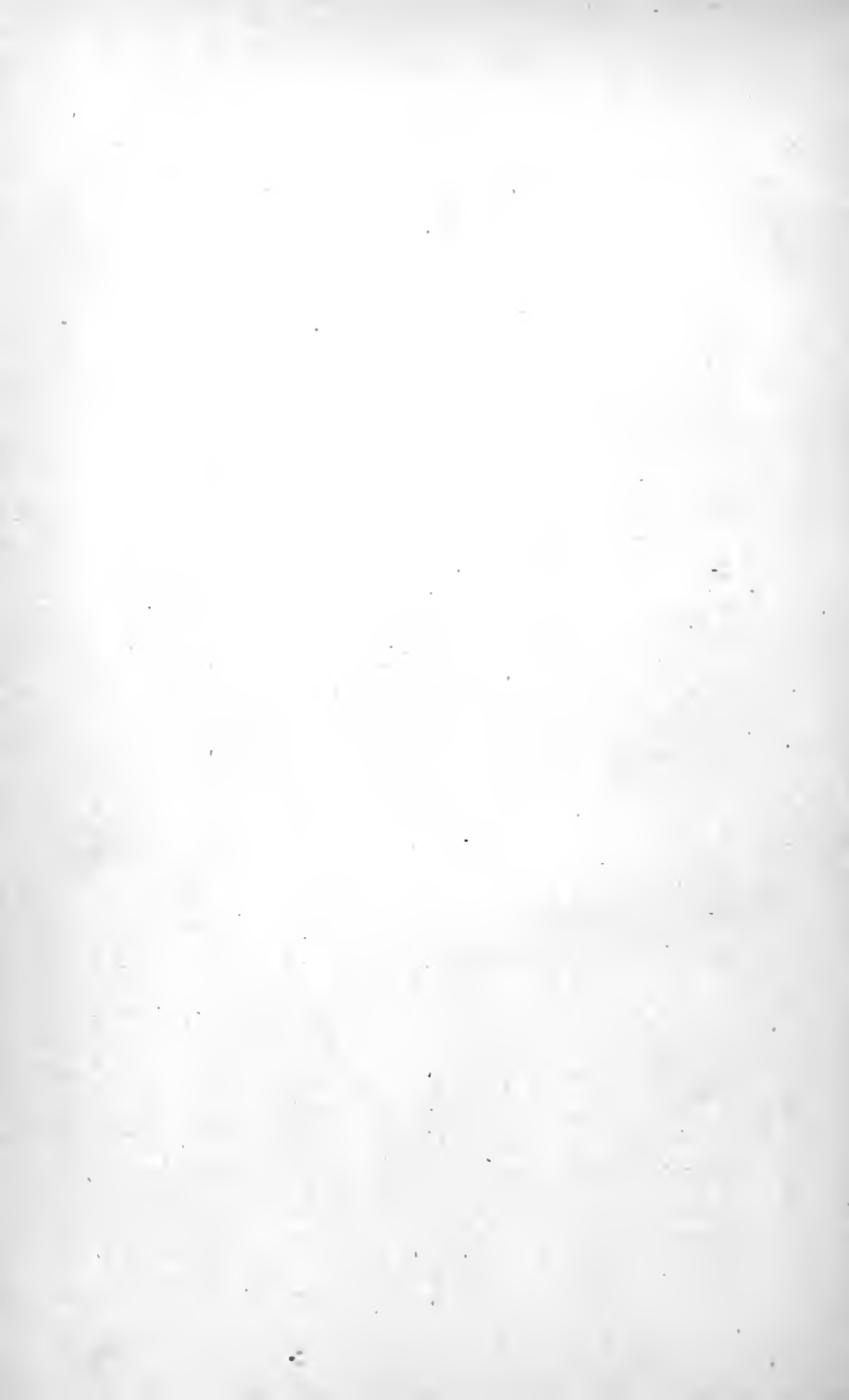
1889.



LONDON:  
PRINTED BY WILLIAM CLOWES AND SONS, LIMITED,  
STAMFORD STREET AND CHARING CROSS.



SHOW ROOM.





## PREFACE.

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WE beg to present to the profession our revised Catalogue of Surgical Instruments and Appliances, comprising the description, and illustrations of the latest and most approved patterns, in use at the present time. It has been considered undesirable to increase the bulk of the volume by illustrating many Instruments long familiarly known, and others offering no special advantages.

We employ in our workshops the best and most experienced workmen under our personal supervision, thus assuring our patrons of the good quality and finish of every article supplied by us; and our prices will be found to compare most favourably with any other maker.

We also take this opportunity of thanking the Medical Profession for past favours, and the continued support they have accorded us for the past century. This patronage we hope, by punctuality, excellence of workmanship, and moderate charges, to retain.

An experienced assistant attends to **Ladies**, who may require either **Trusses** or **Belts**.

All **Foreign Orders** must be accompanied by a remittance or order for payment on a London house, and London references given previous to opening **New Accounts**.

As we keep a large staff, we are in a position to execute any **Repairs** that may be entrusted to our care, with punctuality and dispatch. Every description of instruments

repaired and completed. Gentlemen having a number of **Odd Instruments**, can have them thoroughly done up, and blocked into **Compact Cases**, thus providing themselves with a handy set at a small cost. All blunt Instruments can be **Nickel-plated** at a small extra charge. This not only is an effectual guarantee against rust, but adds greatly to their cleanliness.

We keep a skilled workman specially for carrying out and making any **New Instruments** to drawings, or from description given.

Having been engaged for many years in fitting up **Ambulance** and **Surgical Equipments** for the Volunteers, English and several Foreign Governments, we are in a position to supply these for railways, mines, ships, &c., or to carry out any new idea that may be entrusted to our charge. Special attention is given to lightness and portability, combined with strength.

EVANS & WORMULL.

31, STAMFORD STREET,  
LONDON, S.E.

*June*, 1889.

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Illustrated Catalogue  
OF  
SURGICAL INSTRUMENTS,  
APPARATUS AND APPLIANCES.

AMPUTATING AND GENERAL OPERATING  
INSTRUMENTS.

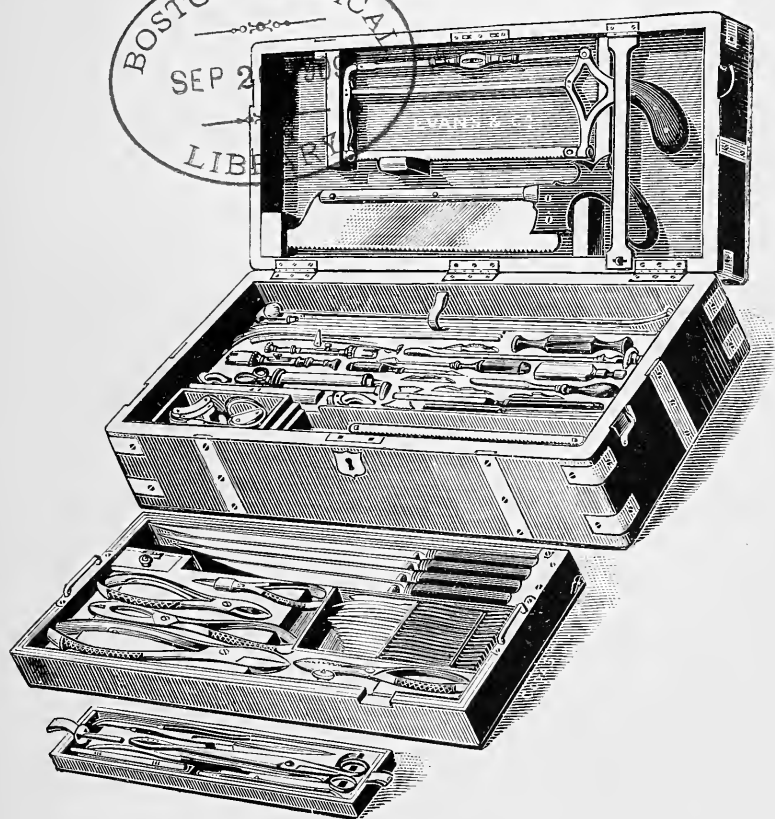


Fig. 1.  
B



£ s. d.

Two Forceps (Dieffenbach's).

Saw, Double Tooth, small.

Amputating Saw.

Tourniquet Screw.

Three Scalpels.

Tablet of Silk and Wire.

Ligature Thread.

Six Needles ... .. 5 17 6

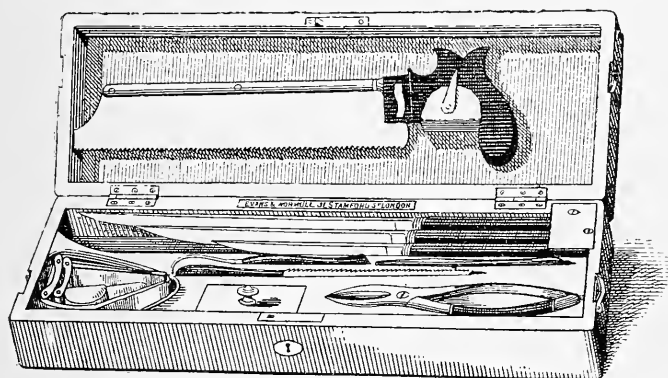


Fig. 2.

Amputating Instruments (Fig. 3), in Handsome  
Brass-bound Mahogany Case, lined with  
best Silk Velvet, in solid Black Leather  
Cover, containing :—

Two Bistouries, Straight, Sharp-Pointed.

One Bistoury           "   Button   "

"   "           Curved, Sharp   "

"   "           "   Button   "

"   "           for Hernia.

Double Tracheotomy Canula, Silver.

Four Elastic Gum Catheters, Nos. 1, 4, 7, 9.

Three Silver Catheters, Nos. 3, 5, 8.

Silver Director.

Steel Hernia Director.

Double Elevator.

Pair Liston's Artery Forceps.

"   Bone Forceps.

Pair Bullet Forceps.  
 Two pairs Dieffenbach's Forceps.  
 Pair Dissecting Forceps.  
 Dissecting Hook, in Handle.  
 Three Liston's Knives, 6 in., 9 in., and 10 in.  
 Liston's Needle, in Handle.  
 Steel Aneurism Needle.  
 Twelve Half-curved Needles for Sutures.

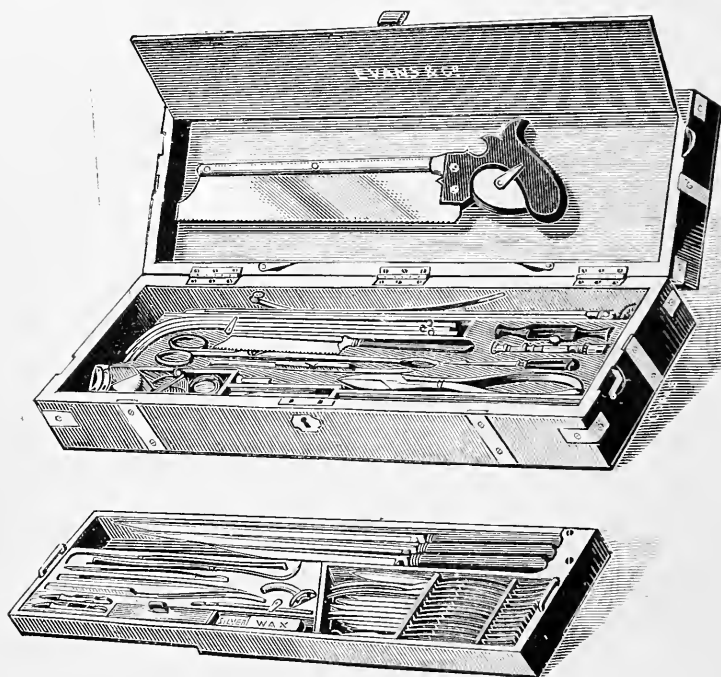


Fig. 3.

Needle for Silver Wire.  
 Simpson's Needle for Wire.  
 Gun-shot Probe, Silver.  
 Amputating Saw.  
 Small Saw, with Movable Back.  
 Three Scalpels.  
 Scalpel, Trepanning.  
 Tenaculum.  
 Tourniquet, Screw.  
 " Field.



£ s. d.

Trepine, small, and Brush.

Hydrocele Trocar.

Plated Ligature Wire.

Fergusson's Thread.

Piece of Wax.

Extracting Probang, Double.

Skein Ligature Silk ... .. 15 0 0

General Case of Instruments (Fig. 1), Handsome Mahogany, Brass-bound, lined with best Silk Velvet, in solid Black Leather Cover, containing :—

Curved Button-pointed Bistoury.

„ Sharp „ „

Hernia Bistoury.

Straight Button-pointed Bistoury.

Two Straight Sharp-pointed Bistouries.

Glass Stoppered Bottle.

Silver Double Tracheotomy Canula, large.

„ „ „ „ small.

Four Elastic Gum Catheters, Nos. 1, 3, 5, 7.

Silver Catheter, Female.

Three Silver Catheters, Male, Nos. 4, 6, and 8.

Director, Steel, for Hernia.

„ Silver.

Elevator, Square-pointed.

Extractor, Bullet.

Forceps, Artery (Liston's).

„ „ (Symes').

„ Bone, large.

„ Bullet.

„ Dieffenbach's, Four.

„ Fergusson's Clawed.

„ Gouge.

„ Midwifery (Denman's).

„ Necrosis.

„ Ordinary Dissecting.

Gouge, Straight.

Four Amputating Knives (Liston's).

Tenotomy Knife.

Aneurism Needle.

Cataract Needle, and Walton's Gouge, in Handle.

Twelve Half-curved Needles for Sutures.

Needle (Liston's), large, in Handle.

£. s. d.

### Two Suture Needles.

### Simpson's Needle.

Trocar, large, plain Handle.

„ small, for Hydrocele.

„ Exploring, in Ivory Case.

Glass Hydrocele Syringe with Platinum Nozzle.

### Case for Isinglass Plaister.

Two Reels of Silk.

### Ligature Thread.

Piece of Wax.

Plated Wire.

Twelve Hare-lip Pins.

Pair Pliers for Cutting Wire.

Probang, Double. \*

Set Bowman's and Anel's Lachrymal Probes.

Probe, Bullet, long.

Two Styles' Lachrymalis, Silver.

Saw, Amputating.

„ Butcher's, with two Spare Blades.

„ Hey's.

Six Scalpels.

Tang Scalpel and Raspatory.

Pair Scissors, straight.

Tourniquet, Field.

“Screw.

Tenaculum.

Trephine, medium.

„ small.

Brush	...	...	...	...	...	25	o	o
-------	-----	-----	-----	-----	-----	----	---	---

Amputating Instruments, Nickel-plated, to prevent rust, in Handsome Mahogany Case, lined with best Silk Velvet, in Canvas Cover, containing :—

Bistoury, Straight, Sharp.

Curved, "

„ „ Button.

for Hernia.

Double Tracheotomy Canula, Silver.

Six Olivary Catheters, Nos. 1, 3, 4, 7, 9, 12.

Three Silver „ Nos. 3, 5, 8.

Steel Hernia Director.

Double Elevator.

£ s. d.

Six pairs Spencer Well's Forceps, Nickerled.	
Pair Fenestrated Artery Forceps.	
Two pairs Dieffenbach's Artery Forceps.	
Pair Bone	"
.. Bullet	"
.. Large Dissecting	"
Bladder Trocar and Canula.	
Hydrocele ..	"
Esmarch's Bandage for Bloodless Operations.	
Screw Tourniquet.	
Pair Nippers for Silver Wire, &c.	
Aneurism Needle.	
Liston's .. in Handle.	
Twelve Surgical Needles with Metallic Thread.	
.. .. for Suture Wire.	
Six Half-curved Needles for Sutures.	
Long Bullet Probe (Nelaton's).	
.. .. Silver.	
Saw, Movable Back.	
Saw, Amputating.	
Three Liston's Knives, 6 in., 9 in., and 11 in.	
Three Scalpels.	
Tang Scalpel and Raspatory.	
Tenaculum, common.	
Trephine, medium.	
$\frac{1}{2}$ oz. Fergusson's Thread.	
Reel Ligature Silk.	
Reel Plated Suture Wire.	
Three Hanks Sulphuric Chromic Catgut Ligature.	
Extracting Probang, Double	... .. 18 10 0

Amputating Instruments (Fig. 4), in Handsome Mahogany Case, lined with best Silk Velvet, containing :—

Bistoury, Straight, Sharp-pointed.	
.. Curved, ..	
.. .. Button ..	
.. for Hernia.	
Double Tracheotomy Canula, Silver.	
Four Elastic Gum Catheters, Nos. 1, 4, 7, 9.	
Three Silver Catheters, Nos. 3, 5, 8.	
Steel Hernia Director.	
Double Elevator.	

£ s. d.

Pair Liston's Artery Forceps.  
 „ Bone Forceps.  
 „ Bullet Forceps.  
 Two pairs Dieffenbach's Forceps.  
 Pair Dissecting „  
 Bladder Trocar and Canula.  
 Three Liston's Knives, 6 in., 9 in., 11 in.  
 Liston's Needle, in Handle.  
 Steel Aneurism Needle.

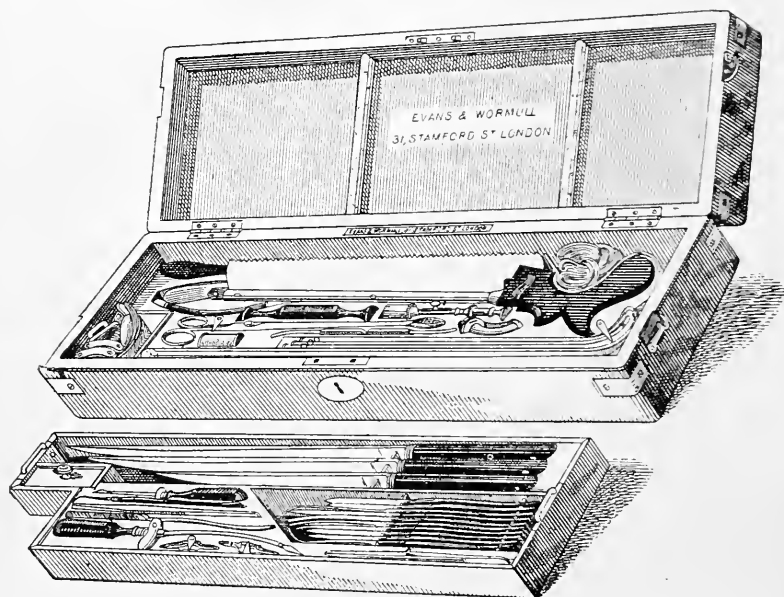


Fig. 4.

Six Half-curved Needles for Sutures.  
 Gun-shot Probe, Silver.  
 Saw, Amputating.  
 Saw with Movable Back.  
 Three Scalpels.  
 Tang Scalpel and Raspatory.  
 Tenaculum.  
 Tourniquet Screw.  
 Trephine medium, and Brush.  
 Hydrocele Trocar.  
 Fergusson's Thread.  
 Extracting Probang, Double.  
 Reel Ligature Silk ... .. 12 0 0

Set of Instruments for Fleet and Staff-Surgeons in the Royal Navy (Fig. 5), in solid Blocked Brass-bound Teak Case, with Lift-out, polished inside and out, containing :—

Three Amputating Knives.  
 Amputating Saw, with Spare Blade.  
 Metacarpal     ,,  
 Two Catlins.  
 Pair Artery Forceps.  
 „ Dissecting Forceps.

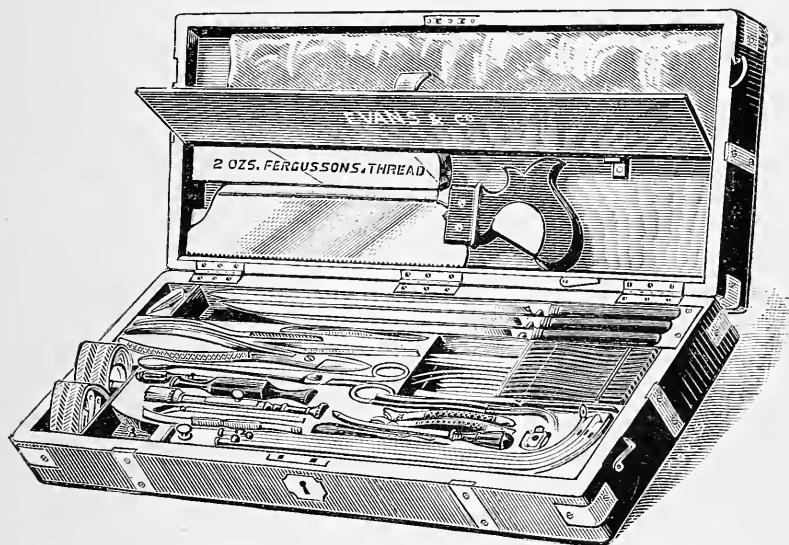


Fig. 5.

Six Curved Needles.  
 Aneurism Needle.  
 Tenaculum.  
 Six Pettit's Screw Tourniquets.  
 Pair Bone Forceps (Liston's).  
 Trephine.  
 Hey's Saw.  
 Double Elevator.  
 Tracheotomy Tube, Double.  
 Bladder Trocar, with Silver Canula.  
 Hydrocele     ,,  
 Two Silver Catheters.  
 Twelve Elastic Gum Catheters.  
 Six Scalpels.

£ s. d.

Gum Lancet.									
Pair Curved Tooth Forceps.									
„ Straight „ „									
Tooth Punch.									
Pair strong Probe-pointed Scissors.									
Curved „ „ Bistoury.									
Long Bullet Probe.									
Pair „ Forceps.									
Bullet Scoop.									
Double Probang.									
Two Hanks Ligature Silk.									
One Hank „ Wire, Silver ... ..							16	16	0

To complete the Fleet and Staff-Surgeon's Outfit, the following Instruments are required :—

One set Pott's Lined Splints.  
 Two Clinical Thermometers.  
 One Bath Thermometer.  
 „ Hypodermic Syringe.  
 „ Small Aspirator.  
 Four Bleeding Lancets.  
 Stomach Pump and Enema.

Pocket-Case of Instruments, in Morocco Leather, containing :—

Curved Bistoury, Probe and Sharp-pointed.  
 Caustic Case and Exploring Needle.  
 Fenestrated Artery Forceps.  
 Dressing Forceps.  
 Syme's and Paget's Knife.  
 Tenaculum and Gum Lancet.  
 Silver Probe.  
 „ Director.  
 Scalpel and Finger Knife.  
 Spatula.  
 Dressing Scissors.  
 Tablet of Suture Silk and Wire.  
 Six Plated Needles.

The above, in plain Deal Case, with lock and key . . . 11 11 0

£ s. d.

Set of Instruments for an Assistant-Surgeon in the Royal Navy. A superior Brass-bound Mahogany Case, lined with Silk Velvet, containing :—

Large Amputating Saw.

Metacarpal Saw, with Spare Blade.

Liston's Amputating Knife, large.

" " " medium.

" " " small.

Five Operating Scalpels.

Tang Scapel.

Pair Liston's Artery Forceps.

Tenaculum.

Medium-sized Trephine.

Pair strong Probe-pointed Scissors.

Two Screw Tourniquets.

Hey's Skull Saw.

Pair Spring Dressing Forceps.

Pair Skull Forceps.

Elevator.

Liston's Bone Forceps.

Two Silver Catheters, Nos. 5, 8.

" Elastic Gum Catheters.

" Pair Curved Tooth Forceps.

" " straight " "

Gum Lancet.

Tooth Punch.

Nelaton's Long Gun-shot Probe.

Pair of Bullet Forceps.

Double Probang.

Bladder Trocar, with Silver Canula.

Small Hydrocele Trocar with Silver Canula.

Six Half-curved Needles.

Tablet E. & W.'s Ligature Silk and Wire. ... 13 0 0

To complete a Royal Naval Assistant-Surgeon's Outfit the following additional Instruments are required :—

Pocket-Case of Instruments, in Morocco Leather, containing :—

Curved, sharp and probe-pointed Bistouries.

Artery Forceps.

Caustic Holder and Exploring Needle.

Bow Dressing Forceps.

Syme's & Paget's Abscess Knife.

Tenaculum and Gum Lancet.

Probe.

£ s. d.

Aneurism Needle, and Director.

Spatula.

Scalpel, and Finger Knife.

Dressing Scissors.

Six Suture Needles.

Tablet E. &amp; W.'s Ligature Silk and Wire.

Four Lancets.

Fahrenheit's Thermometer.

Clinical ..

Hypodermic Syringe.

The above, in plain Deal Case, with lock and key 5 0 0

When an Assistant-Surgeon in the Royal Navy is appointed to a ship that has not a full Surgeon, the following Instruments are required in addition to the above :—

Set of Pott's Lined Splints.

Aneurism Needle.

Twelve Elastic Gum Catheters.

Tracheotomy Tube, Double.

Stomach Pump, and Enema Apparatus ... 4 0 0

Set of Instruments required by a Surgeon appointed to the Royal Mail Steamship Company (Fig. 6), in Handsome Brass-bound Mahogany Case, lined with best Silk Velvet, containing :—

Large Amputating Saw.

Metacarpal Saw, with Spare Blade.

Liston's Amputating Knife, large.

" " " medium.

Circular Amputating Knife, large.

" " " medium.

Catlin.

Pair Liston's Bone Forceps.

" " " Artery Forceps.

Pair Spring Operating Forceps.

Two Operating Scalpels.

Finger Knife.

Curved Sharp-pointed Bistoury.

" " " Probe-pointed "

Large Trocar for Paracentesis, with Silver Canula.

Small Trocar for Hydrocele, with Silver Canula.

Medium Trephine.

Hey's Skull Saw.

Elevator.



£ s. d.

Pair Skull Forceps.  
 Trephine Brush.  
 Double Probang.  
 Aneurism Needle.  
 Screw Tourniquet.  
 Twelve Half-curved Suture Needles, Nickel-plated.  
 Tablet E. & W.'s Ligature Silk and Wire... ... II II O

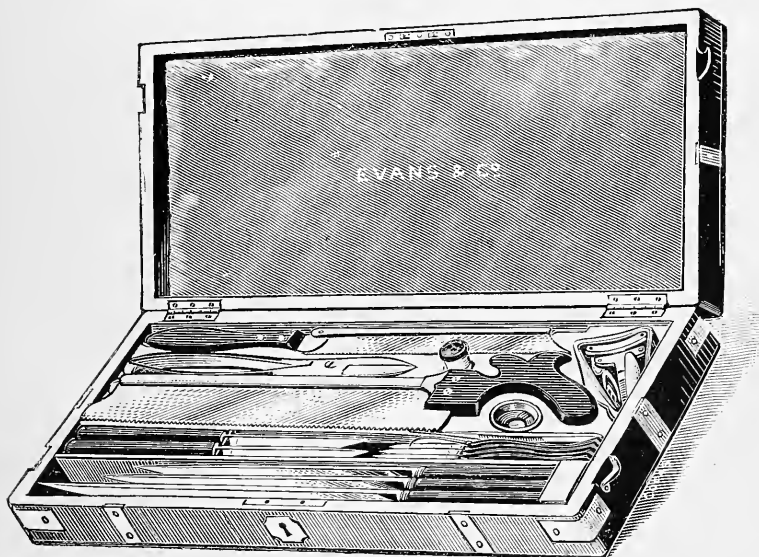


Fig. 6.

To complete the Royal Mail Steamship Company Surgeon's Outfit, the following additional Instruments are requisite :—

- Case Midwifery Instruments, containing :—
  - Barnes' long Midwifery Forceps.
  - Lever, Perforator, Blunt Hook, Crotchet.
  - Craniotomy Forceps.
- Case Cupping Instruments.
- Case Elastic Gum Bougies.
- Case Tooth Instruments.
- Case Silver Catheters, Nos. 1, 3, 5, 7, 9, and No. 10 Prostatic.
- Case Six Bleeding Lancets.
- Case Pocket Instruments, containing :—
  - Aneurism Needle ; Crooked Scissors.
  - Clinical Thermometer, in Plated Case.

£ s. d.

Director, and Ear Scoop.  
 Double Bistoury ; Dressing Forceps.  
 Exploring Trocar, in Ivory Case.  
 Finger Knife and Scalpel. Two Probes.  
 Hypodermic Syringe, in Plated Case.  
 Silver Caustic Case. Six Needles.  
 Small Fenestrated Artery Forceps.  
 Spring Forceps. Straight Scissors.  
 Syme's Tenotomy Knife.  
 Tablet of Silk and Wire.  
 Tenaculum, and Gum Knife.  
 Torsion Forceps.

Double Extracting Probang.  
 Clinical Thermometer.  
 Six Urethral Syringes.  
 Metal Syringe, with three rings.  
 Liston's Long Leg and Thigh Splint.  
 Set Pott's Straight Splints.  
 Twenty Calico Roller Bandages.  
 Tape.  
 Ligature Thread.

The set of Instruments, in a plain Wood Case, with  
 lock and key ... .. 18 18 0

Set of Instruments required for Passenger Ships,  
 sailing under the Board of Trade regula-  
 tions, in Handsome Mahogany Case, lined  
 with Silk Velvet, containing :—

Amputating Saw.  
 Two „ Knives.  
 Pair Bone Forceps.  
 Three pair Tooth Forceps.  
 One „ Skull „  
 Trephine, and Brush.  
 Elevator.  
 Hey's Saw.  
 Two Scalpels.  
 Hernia Knife.  
 Two Trocars and Canulas.  
 Aneurism Needle.  
 Hernia Director.  
 Tourniquet.  
 Two Silver Catheters, Nos. 4 and 8.

£ s. d.

Four Elastic Gum Catheters, Nos. 3, 5, 7, 9.

Clinical Thermometer.

Hypodermic Syringe.

Pair Midwifery Forceps.

Blunt Hook, and Crotchet.

Perforator.

Female Catheter.

Vaccine Tubes, charged.

Pair Churchill's Craniotomy Forceps ... 16 12 0

Morocco Leather Pocket Case of Instruments, containing :—

Tenaculum, and Finger Knife.

Curved Probe-pointed, and Curved Sharp-pointed Bistoury.

Pair Artery Forceps.

„ Operating „

Two Probes.

Silver Director.

Caustic Case.

Pair Scissors.

Spatula.

Two Bleeding Lancets.

One Abscess Lancet.

Twelve Half-curved Needles.

Tablet Silk and Wire ... 3 0 0

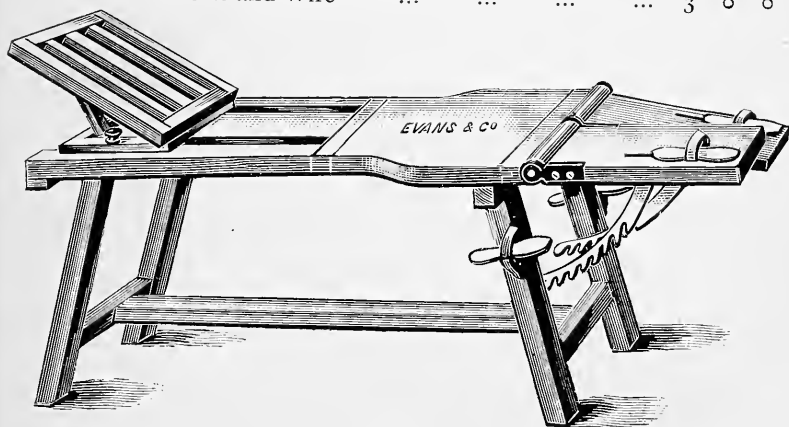


Fig. 7.

Evans & Wormull's Improved Operating Table, with sliding-back Support and two Flaps, adjustments for fixing in various positions, and Mattress (Fig. 7) ... 12 12 0

## AMPUTATING INSTRUMENTS.



Fig. 8.

							£	s.	d.
Amputating Knife, Liston's Single Edge, 8 inch	(Fig. 8)						0	9	0
" " " " 9 "	( " 8)						0	9	6
" " " " 10 "	( " 8)						0	9	6
" " " " 11 "	( " 8)						0	10	0
" " large circular ..	...	...	...	...	...	...	0	9	6
" " small ..	...	...	...	...	...	...	0	8	6



Fig. 9.

Amputating Knife, Lisfranc's Double-edged, 7 inch	(Fig. 9)						0	9	0
" " " " 8 "	( " 9)						0	9	0
" " " " 9 "	( " 9)						0	9	6
" " Syme's Single-edged ..	...	...	...	...	...	...	0	7	0
Catlin ..	...	...	...	...	...	...	0	8	0
Evans & Wormull's Folding Amputating Knife ..	...	...	...	...	...	...	0	10	6
" " Set of Portable Amputating Knives, consisting of 7-inch and 8-inch blades to fit into one handle ..	...	...	...	...	...	...	0	16	0

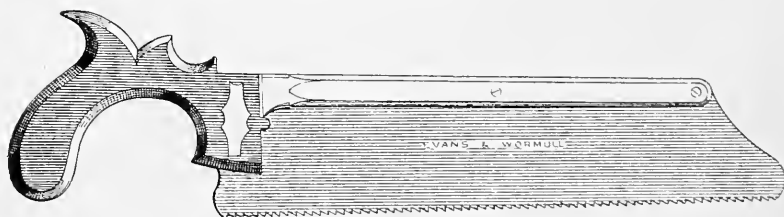


Fig. 10.

Amputating Saw, solid shoulder, plain ..	(Fig. 10)						0	16	0
" " " " " Folding Back ..	...						1	1	0

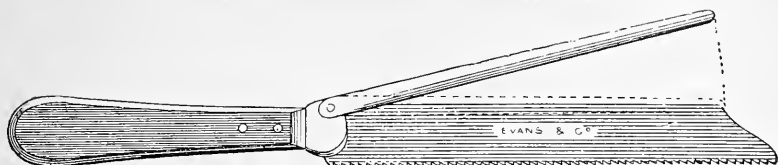


Fig. 11.

	£	s.	d.
Small Saw, with Movable Back and Straight Handle (Fig. 11)	0	9	6
Evans & Wormull's Bow Saw, with Spare Blade ...	0	13	0
Graham's Saw ...	1	14	0
Evans & Wormull's Portable Saw, in Take-out Handle ...	0	9	6

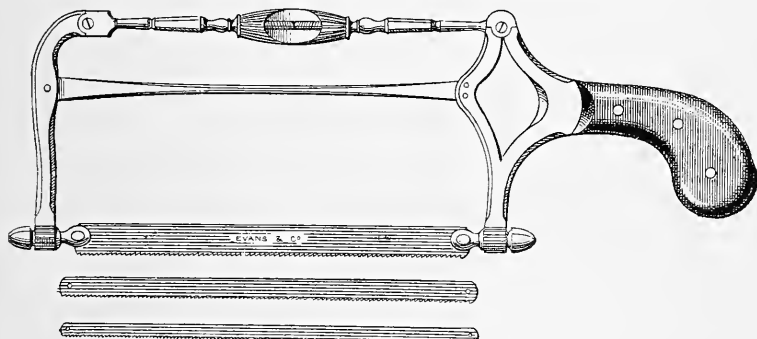


Fig. 12.

Butcher's Saw, with two Spare Blades, which can be fixed at any angle (Fig. 12)...	2	0	0
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Fig. 13.

Finger Saw (Fig. 13)	3s 6d. and	0	5	0
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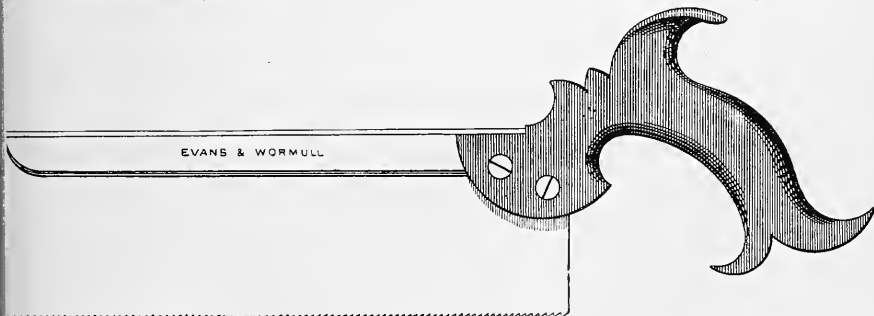


Fig. 14.

Fergusson's Amputating Saw (Fig. 14)	0	16	0
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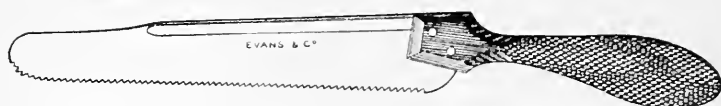


Fig. 15.

	£	s.	d.
Fergusson's Small Saw, with Folding Back (Fig. 15)	6s.	6d.	
Gowan's Saw, for removing the head of Femur ...	3	17	6

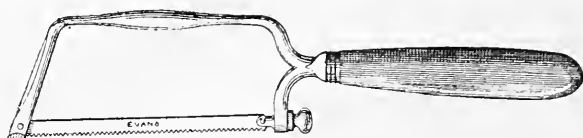


Fig. 16.

Metacarpal Saw, with Bow Frame (Fig. 16)	...	...	0	7	6
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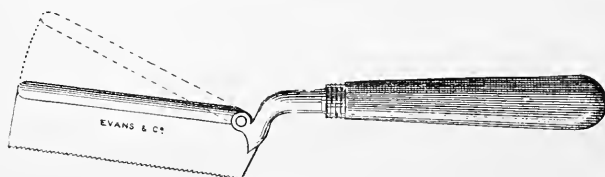


Fig. 17.

Wood's Cranked Shifting Back Saw, for excision of Jaw (Fig. 17)	...	...	...	7s.	6d., 8s.	6d., and	0	10	6
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Fig. 18.

Saw for Necrosis of the Jaw (Fig. 18)	...	...	...	0	5	0
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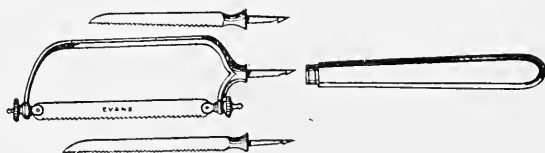


Fig. 19.

Small Saw for Fractured Jaw, with Shifting Blades and Handle (Fig. 19)	...	...	...	...	...	1	18	0
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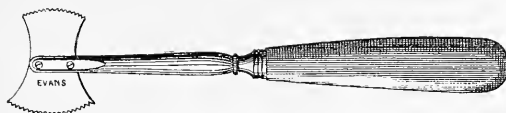


Fig. 20.

Hey's Skull Saw, various shapes (Fig. 20)	...	...	£	s.	d.
			0	5	6

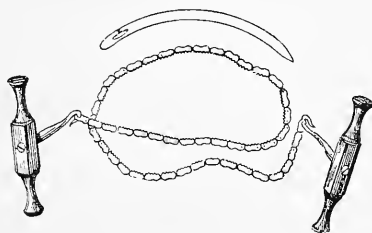


Fig. 21.

Chain Saw, with Needle for introducing Saw (Fig. 21)	...	1	10	0
Lewis's Folding Saw	...	0	10	6

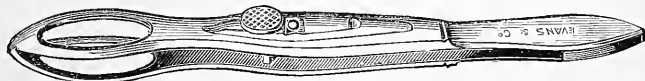


Fig. 22.

Assalini's Artery Forceps	...	...	...	...	0	7	6
„ Tenaculums	...	...	...	...	0	7	6
Artery Forceps, with Sliding Bolt (Fig. 22)	...	...	...	...	0	8	6
Cross-Action Artery Forceps	...	...	...	...	0	5	6



Fig. 23.

Dieffenbach's Artery Forceps (Fig. 23)	...	2s. 6d. and	0	3	0
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Fig. 24.

Dieffenbach's Improved Artery Forceps (Fig. 24)	...	0	4	6
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Fig. 25.

Spring Artery Forceps (Fig. 25)	...	...	2s. 6d. and	£	s.	d.
				0	3	0



Fig. 26.

Torsion Artery Forceps (Fig. 26)	...	...	...	0	10	6
Evans & Wormull's improved Torsion, and Needle-holding Forceps, with ears on either side to prevent slipping of the jaws, as suggested by Mr. Bryant	...	...	...	0	12	0

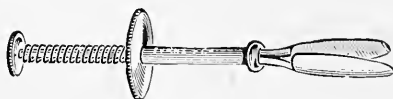


Fig. 27.

Evans & Wormull's Canula Artery Forceps (Fig. 27)	...	0	6	0
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Fig. 28.

Fenestrated Artery Forceps (Fig. 28)	...	...	...	0	8	0
Wakley's	...	...	...	0	7	6

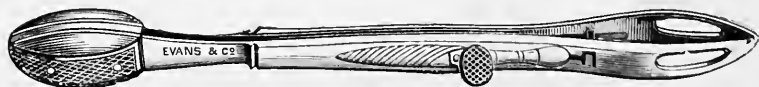


Fig. 29.

Improved Artery Forceps, with Sliding Bolt (Fig. 29)	...	0	10	6
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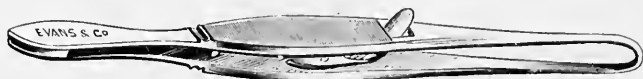


Fig. 30.

Liston's Artery Forceps, with Tenaculum Points (Fig. 30)	...	0	5	6
Langenbeck's Sliding Artery Forceps	...	0	3	6





Fig. 31.

Luer's Artery Forceps,	Tenaculum Points	...	...	£	s.	d.
"	"	Fenestrated, with	Sliding Catch	0	7	6
(Fig. 31)	"	...	...	0	8	6



Fig. 32.

Syme's Artery Forceps (Fig. 32)	...	...	...	...	o	7	o
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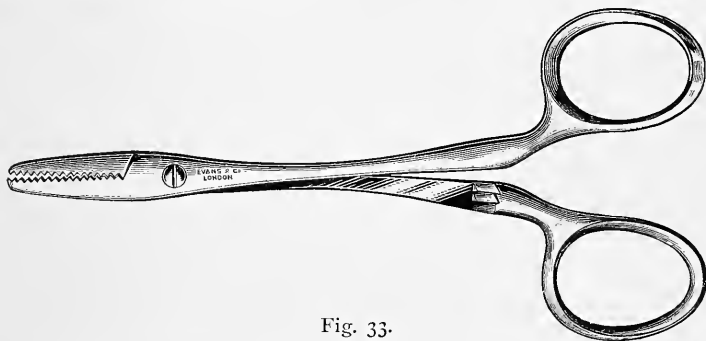


Fig. 33.

Spencer Well's Self-holding Torsion Forceps, Nickel-plated, (Fig. 33)	...	...	...	...	...	...	o	6	o
Serrefines, Electro-plated	...	...	...	...	...	...	o	I	o



Fig. 34.

Sliding Artery Forceps (Fig. 34)	...	...	...	...	o	3	6
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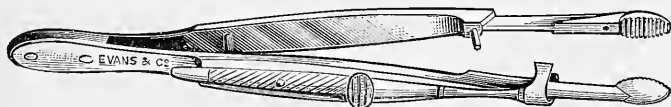


Fig. 35.

Bryant's Improved Torsion Forceps (Fig. 35) ... .. o 10 6



Fig. 36.

Fig. 36.

Evans & Wormull's Self-holding Artery Forceps (Fig. 36)	$\mathcal{L}$	<i>s.</i>	<i>d.</i>
	0	7	0

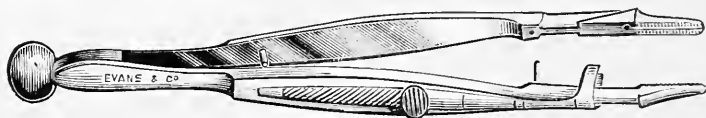


Fig. 37.

Torsion Artery Forceps, with Sliding Catch (Fig. 37) ... o 10 6

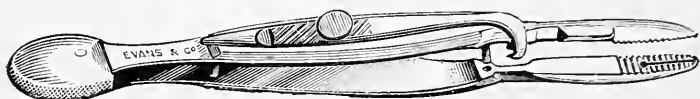


Fig. 38.

Evans & Wormull's Improved Needle-holding and Torsion Forceps (Fig. 38)	...	...	...	...	...	0 10 6
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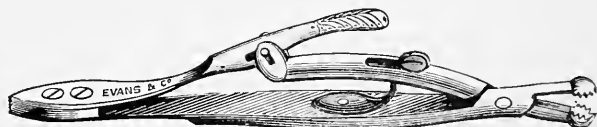


Fig. 39.

Evans &amp; Wormull's Needle-holding Forceps, (Fig. 39) ... I 5 0

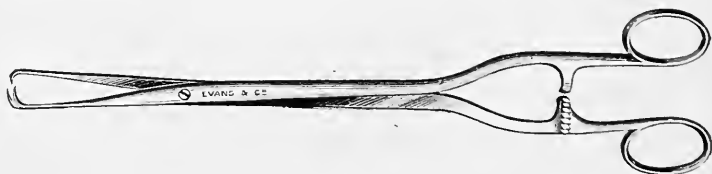


Fig. 40.

Bullet Forceps, Improved, as suggested by Mr. Pollock  
(Fig. 40)      ...      ...      ...      ...      ...      ...      o 10 6

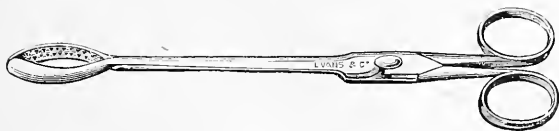


Fig. 41.

	£	s.	d.
Bullet Forceps, with Movable Blades (Fig. 41) ... ..	0	7	6
Taylor's Electric Bullet Forceps ... ..	2	2	0
Wilde's Electric Bullet Forceps and Probe, complete, with Battery... ..	6	6	0



Fig. 42.

Coxeter's Bullet Extractor (Fig. 42) ... ..	0	12	0
" " " Jointed, for Pocket-Case ... ..	0	15	0



Fig. 43.

Nelaton's Gunshot Probe, with Porcelain End (Fig. 43)	4s. 6d. and	0	6	0
Bullet Probe, Solid Silver ... ..		0	6	0
" " Improved Spiral Wire, Flexible, with Porcelain End ... ..		0	6	0

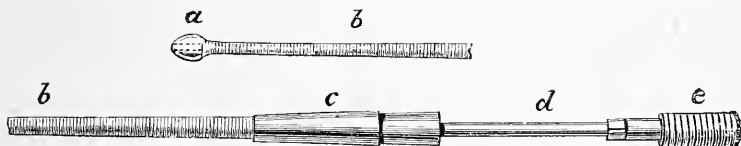


Fig. 44.

Bullet Probe, Spiral Wire, with Porcelain End, Wilson's (Fig. 44) ... ..	0	10	6
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See 'British Medical Journal,' September 25th, 1886.



Fig. 45.

Bullet Probe, Sayre's Vertebated, in Silver (Fig. 45) ...	2	2	0
" " " Stoutly Plated (Fig. 45) ...	1	15	0
" " Flexible or Malleable Metal ... ..	0	6	0

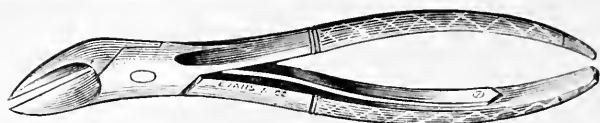


Fig. 46.

Fergusson's Oblique Bone-cutting Forceps (Fig. 46)	£	s.	d.
12s. 6d. and	0	15	0



Fig. 47.

Fergusson's Right-Angle Bone-cutting Forceps (Fig. 47)	12s. 6d. and	0	15	0
„ Bone-cutting Forceps, Straight	...	0	10	6

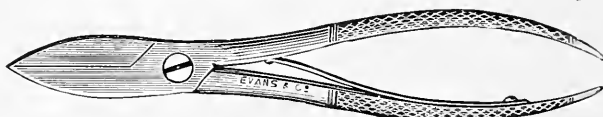


Fig. 48.

Liston's Bone-cutting Forceps, Circular Joints, Straight (Fig. 48)	...	...	...	...	...	0	10	6
Liston's Bone-cutting Forceps, Circular Joints, small,	7s. 6d. and	0	8	6				

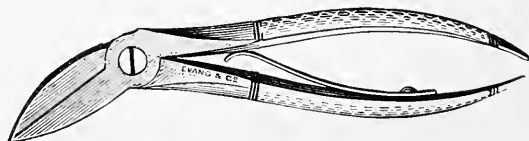


Fig. 49.

Liston's Left-side Bone-cutting Forceps (Fig. 49)	12s. 6d. and	0	15	0
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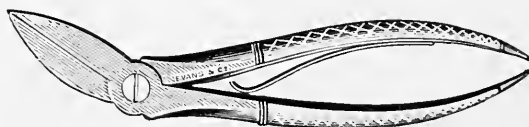


Fig. 50.

Liston's Right-side Bone-cutting Forceps (Fig. 50)	12s. 6d. and	0	15	0
„ Oblique	12s. 6d. „	0	15	0
„ „	„ small, 7s. 6d. „	0	8	6

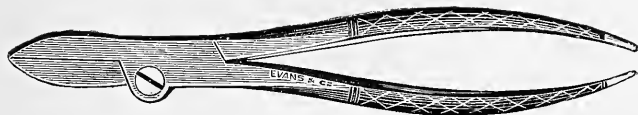


Fig. 51.

Bone Forceps, with Eccentric Joints (Fig. 51) ...	12s. to	£	s.	d.
		0	16	0



Fig. 52.

Fergusson's Gouge Forceps, for Necrosis (Fig. 52) ...	0	12	0
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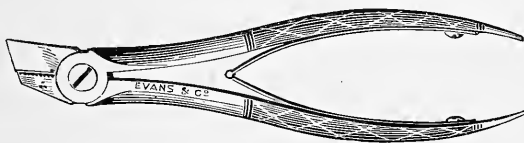


Fig. 53.

Hoffman's Gouge Forceps, for Resection, also made Curved					
Right and Left (Fig. 53) ...	16s. and	1	1	0	
Luer's Gouge Forceps, for Resection ...		0	12	0	
Davy's Lion or Bone-holding Forceps ...		0	12	6	

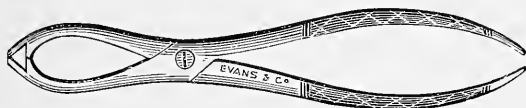


Fig. 54.

Fergusson's Lion Forceps, for grasping Bone during use of saw (Fig. 54) ...	9s. 6d. to	0	15	0
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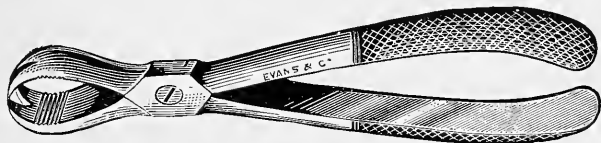


Fig. 55.

Langenbeck's Bone-grasping Forceps (Fig. 55) ...	12s. to	0	15	0
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Fig. 56.

Fergusson's Necrosis Forceps, straight (Fig. 56) ...	£	s.	d.
...	0	8	6



Fig. 57.

Fergusson's Necrosis Forceps, curved (Fig. 57) ...	...	0	8	6
Angular Necrosis or Sequestrum Forceps... ..	...	0	8	6
Pollock's Forceps, for removing the articular surface of the Patella, in Amputations through the knee-joint...	1	1	0	

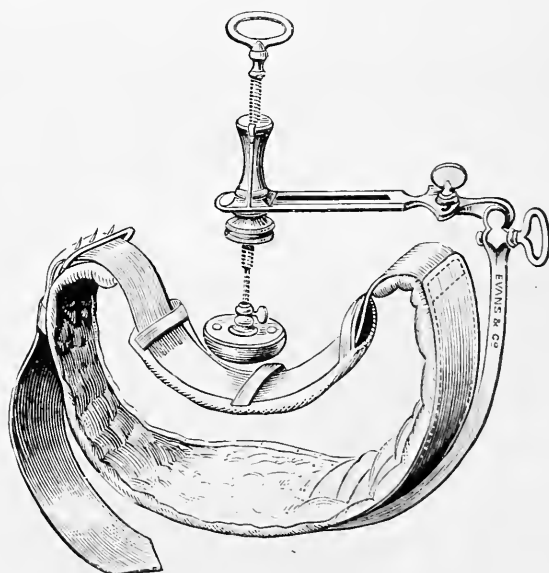


Fig. 58.

Civiale's Artery Compressor (Fig. 58) ... ..	4	4	0
Davy's Lever, for Compressing the Common Iliac in Amputation at the hip-joint ... 6s. 6d., 15s. 6d., and	1	1	0

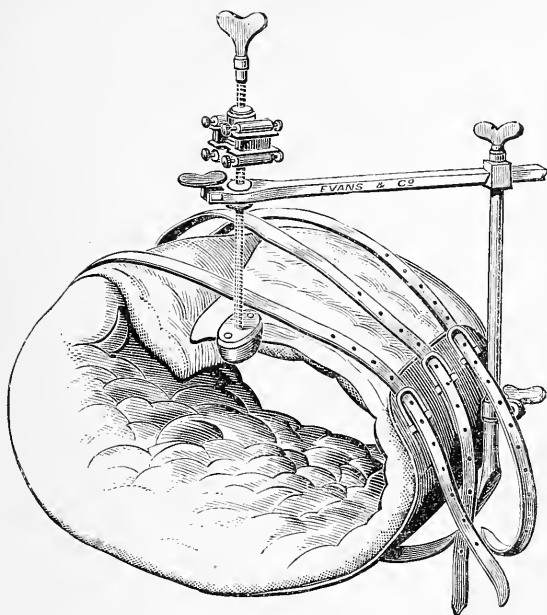


Fig. 59.

De Carte's Compressor for the Groin (Fig. 59) ...	...	£	s.	d.
		6	10	0

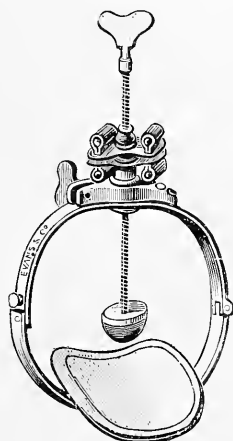


Fig. 60.

De Carte's Compressor for the Thigh (Fig. 60) ...	...	2	5	0
---	-----	---	---	---

	£	s.	d.
Cripp's Improved Esmarch's Elastic Bloodless Operation Bandage, with reel complete ... ..	0	7	6
Esmarch's Elastic Tourniquets, large size ... ..	0	8	6
"          "          "          medium size ... ..	0	7	0
"          "          "          small size for the pocket ... ..	0	4	6
"          "          Bandage, wide for Leg, per roll ... ..	0	8	6
"          "          "          for the Arm, per roll ... ..	0	6	6
Foulis Tourniquet ... .. 2s. and	0	3	6

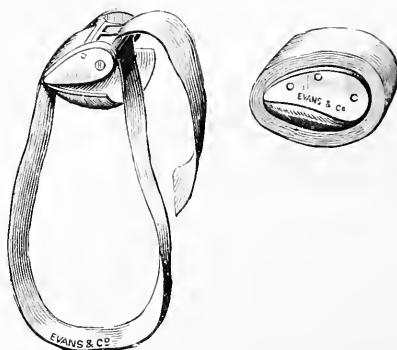


Fig. 61.

Evans & Wormull's Improved Field Tourniquet (Fig. 61) 0 2 6

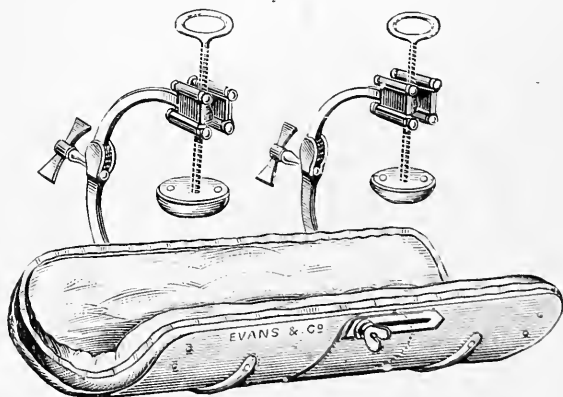


Fig. 62.

Pollock's Improved Double-Action Compressor (Fig. 62) 5 15 0



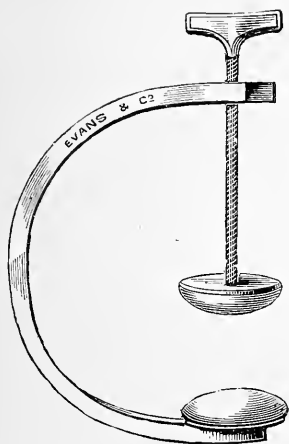


Fig. 63.

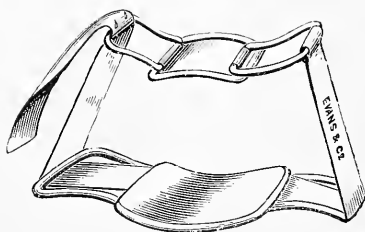


Fig. 64.

	£	s.	d.
Lister's Tourniquet for the Aorta and External Iliac (Fig. 63)	1	8	0
Evans & Wormull's Winged Tourniquet (Fig. 64)	...	0	10 6

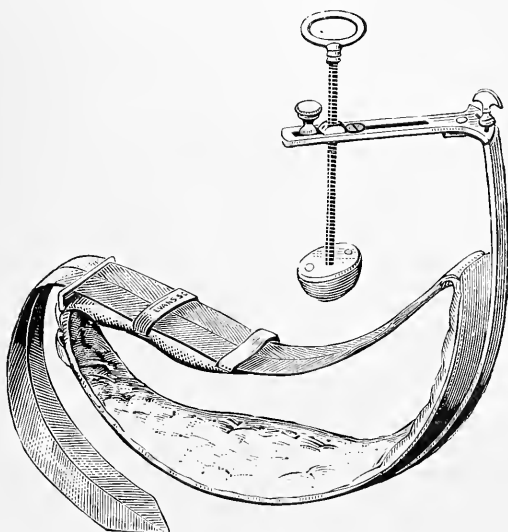


Fig. 65.

Evans & Wormull's Compressor (Fig. 65)	...	...	2 15 0
--	-----	-----	--------

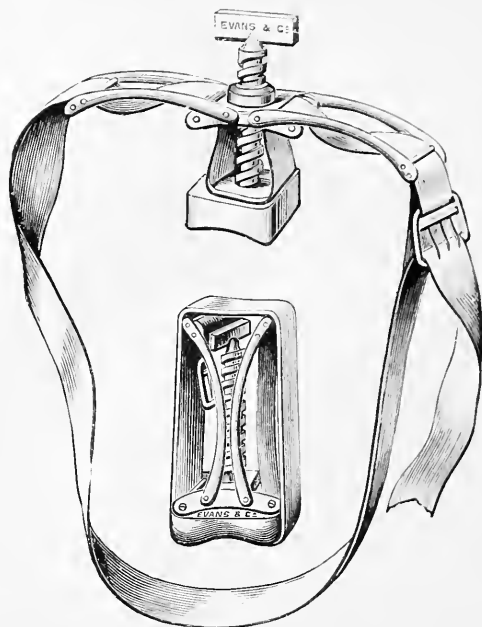


Fig. 66.

Moffit's Improved Winged Tourniquet (Fig. 66) ...	£	s.	d.
	0	12	0



Fig. 67.



Fig. 68.

Pettit's Screw Tourniquet (Fig. 67) ...	0	7	6
Evans & Wormull's Improved Compressor (Fig. 68) ...	0	15	0

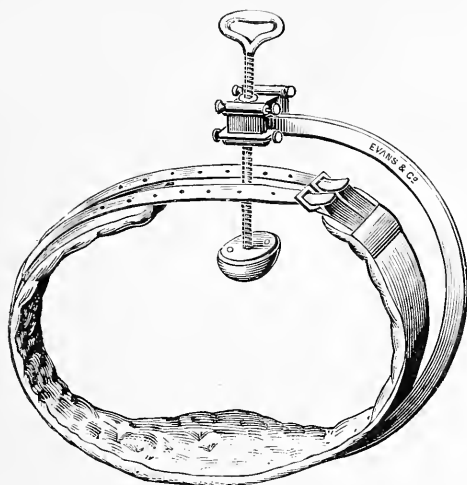


Fig. 69.

			£	s.	d.
Improved Compressor for the Aorta (Fig. 69)	...	...	3	5	0

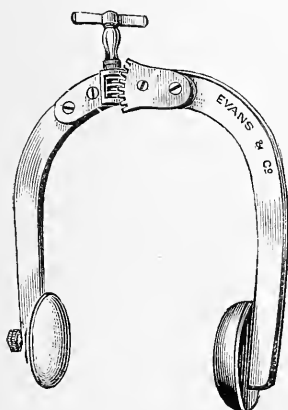


Fig. 70.

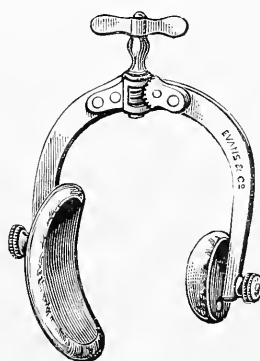


Fig. 71.

Signorini's Tourniquet (Fig. 70)	...	...	...	...	1	7	6
Signorini's Tourniquet Improved (Fig. 71)	...	...	...	...	1	7	6

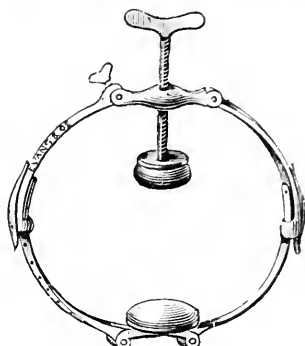


Fig. 72.

					£	s.	d.
Skey's Tourniquet (Fig. 72)	...	...	...	...	1	18	0

# NECROSIS, TREPANNING, OSTEOTOMY, AND RESECTION INSTRUMENTS.

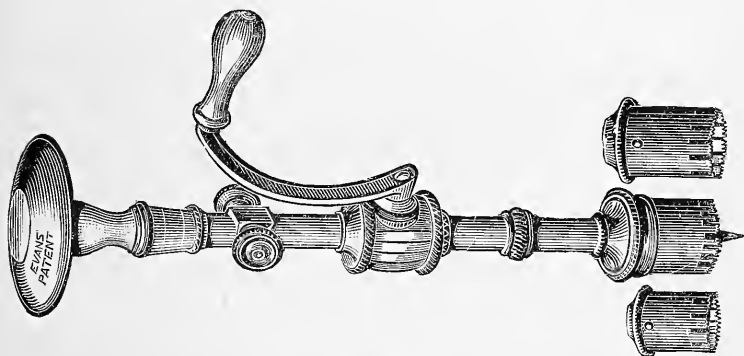


Fig. 73.

Evans & Wormull's Patent Rotatory Trepphine, with Three Crowns of various sizes, in Morocco Case (Fig. 73) £ s. d.  
2 10 0

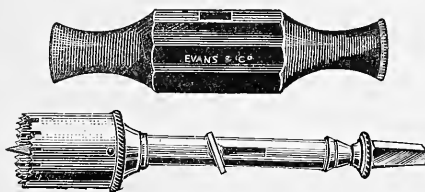
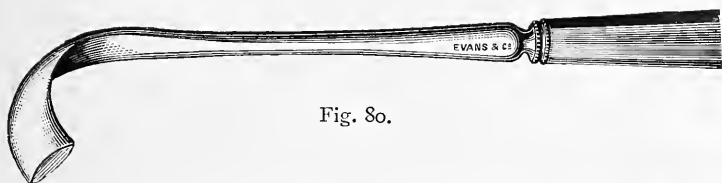


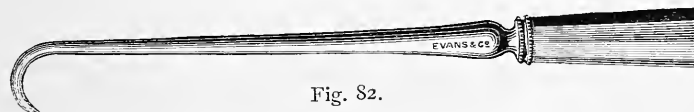
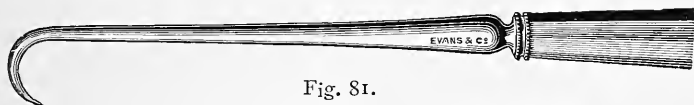
Fig. 74.

Set of Three Trepphines fitting One Handle, in Case	...	1	8	0
Trepphine, with Movable Handle, three sizes	... each	0	11	6
"    "    Improved Movable Handle, three sizes,	... each	0	12	0
(Fig. 74)	... ..	0	1	6
Trepphine Brush	... ..	0	4	0
Trepanning Scalpel, with Raspatory	... ..			





Langenbeck's Curved Broad Wound Hook (Fig. 80)	..	£	s.	d.
		0	7	0



Strong Wound Hooks, Sharp, and Blunt, for drawing  
aside the Muscular Structures, in Ebony Handles  
(Figs. 81 and 82) ... .. each

(Figs. 81 and 82)	...	...	...	each	o	5	o
Double Blunt Hook, in Ebony Handle	...	...	...		o	6	6
"     Hooked Retractor, all Steel, Nickel-plated	...	...	...		o	8	6

Double Blunt Hook, in Ebony Handle	...	...	...	0	6	6
------------------------------------	-----	-----	-----	---	---	---

„ Hooked Retractor, all Steel, Nickel-plated	...	o	8	6
--	-----	---	---	---



Marshall's Osteotribe or Rosehead, for Necrosis, in Ebony  
Handle (Fig. 83) ... ..

Marshall's Osteotribe or Rosehead, with Cross Handle	...	o	7	o
--	-----	---	---	---

Marshall's Osteotribe or Rosehead, with Cross Handle ...	o	7	o
--	---	---	---



Straight Gouge for Necrosis (Fig. 84)	...	...	...	o	4	6
---------------------------------------	-----	-----	-----	---	---	---

Angular	"	"	"	...	...	...	0	4	6
---------	---	---	---	-----	-----	-----	---	---	---

Angular	"	"	"	...	...	...	...	1	1
Circular	"	"	"	...	...	...	o	6	6

Straight Chisel	"	"	...	...	...	○	4	○
-----------------	---	---	-----	-----	-----	---	---	---

	£	s.	d.
Linhart's Chisel, in Ebony Handle, various sizes ... each	0	5	6
Macewen's Chisels, for Subcutaneous Osteotomy, graduated in inches and half-inches ... ..	0	7	6
Macewen's Chisels, set of three sizes, in Case ... ..	1	5	6
„ Hard Wood Mallet ... ..	0	6	0



Fig. 85.

Saw, for Necrosed Jaw (Fig. 85) ... ..	0	5	0
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Fig. 86.



Fig. 87.

Hey's Double Saw for Trepanning and Necrosis (Figs. 86 and 87) ... ..	0	5	6
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Fig. 88.



Fig. 89.

Fergusson's Semicircular and Square Saw (Figs. 88 and 89) ... ..	0	5	0
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Fig. 90.

Fergusson's Straight Saw (Fig. 90) ... ..	6s. 6d.	and	0	8	6
Adams' Saw for Subcutaneous Osteotomy ... ..	0	12	0		



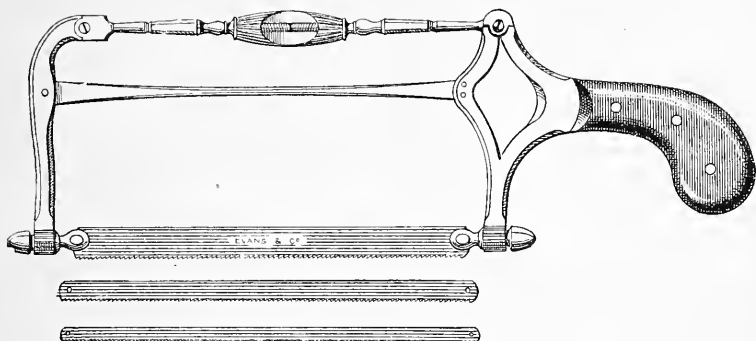


Fig. 91.

Butcher's Amputating Saw, with Shifting Blades (Fig. 91)

£	s.	d.
2	0	0



Fig. 92.

Chain Saw, with Needle for introducing Saw, in Morocco Case (Fig. 92)

...	...	...	...	...	1	10	0
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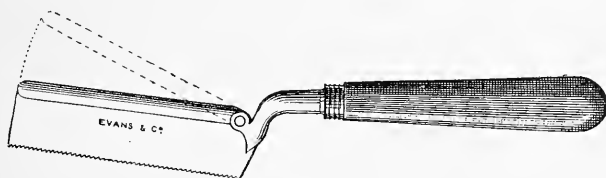


Fig. 93.

Wood's Crank Saw, with Movable Back (Fig. 93)	...	0	10	6
Lister's Scoops for removing Granulations from the Tracts of Sinuses, Circular or Oval, of various lengths and sizes	...	0	8	6
Volkmann's Scoops for ditto	...	0	6	6
Lenticulars	...	0	5	0
Director, with Jointed Handle, for Resection	...	0	15	0
Antrum Perforator	...	4s. and	0	6

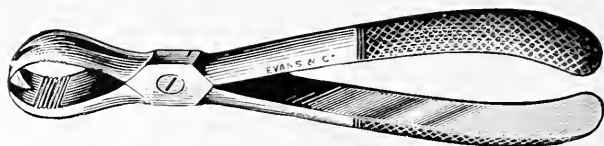


Fig. 94.

Langenbeck's Bone-grasping Forceps (Fig. 94)	12s. to	£ s. d. 0 15 0
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Fig. 95.

Fergusson's Lion Forceps for grasping Bone during use - of Saw (Fig. 95)	...	...	...	9s. 6d. to	0 15 0
Davy's Lion Forceps	...	...	...	...	0 12 6
" " " Improved	...	...	...	...	0 15 6

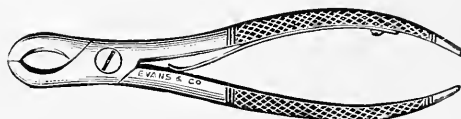


Fig. 96.

Fergusson's Gouge Forceps, for Necrosis (Fig. 96)	...	0 12 0
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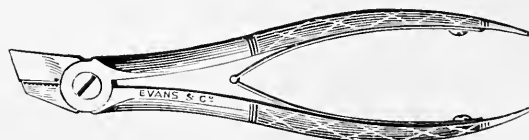


Fig. 97.

Hoffman's Gouge Forceps, Straight (Fig. 97)	...	...	0 16 0
" " " Curved right	...	...	1 1 0
" " " " left	...	...	1 1 0
Pollock's Forceps for removing the Articular Surface of the Patella, Improved...	...	...	1 1 0



Fig. 98.



Fig. 99.

						£	s.	d.
Necrosis Forceps, Straight and Curved (Figs. 98 and 99),								
each	...	...	...	...	...	0	8	6
Farabeuf's Necrosis Forceps	...	...	...	...	...	0	18	0

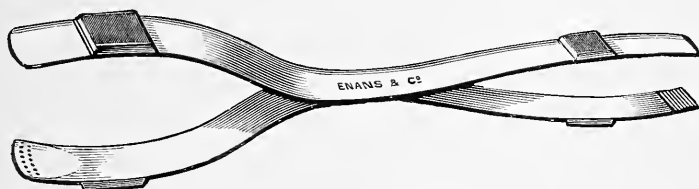


Fig. 100.

Skull Forceps, for raising Bone after use of Trephine								
(Fig. 100)	...	...	...	...	...	0	5	0



Fig. 101.

Double Elevator, for Necrosis (Fig. 101)	...	...	...	...	...	0	5	6
--	-----	-----	-----	-----	-----	---	---	---



Fig. 102.

Broad Elevator (Fig. 102)	...	...	...	...	...	0	4	6
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Fig. 103.

Sharp Elevator (Fig. 103)	...	...	...	...	...	0	4	6
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## MINOR OPERATING INSTRUMENTS.

Morocco Leather Case, lined with Velvet, containing :— £ s. d.

Four Operating Scalpels.  
 Curved Sharp-pointed Bistoury.  
 „ Blunt „ „  
 Hernia Bistoury.  
 Tenaculum.  
 Blunt Hook.  
 Aneurism Needle.  
 Pair Syme's Artery Forceps.  
 Pair Spring Operating Forceps.  
 „ Straight Scissors.  
 Director.  
 Six Half-curved Needles.  
 Tablet Evans & Wormull's Improved Ligature Silk  
 and Wire.  
 Skein Ligature Thread ... .. 2 5 0

---

Morocco Leather Case, lined with Velvet, containing :—

Four Operating Scalpels.  
 Curved Probe-pointed Bistoury.  
 „ Sharp „ „  
 Hernia Bistoury.  
 Blunt and Sharp Hook.  
 Tenaculum.  
 Pair Syme's Fenestrated Artery Forceps.  
 Aneurism Needle.  
 Pair Curved on Flat Dressing Scissors.  
 Pair Spring Operating Forceps.  
 Silver-plated Director.  
 Six Half-curved Suture Needles.  
 Tablet Evans & Wormull's Improved Ligature Silk  
 and Wire.  
 Skein Ligature Thread ... .. 3 3 0

£ s. d.

Mahogany Case, Brass-bound, lined with best Silk  
Velvet, containing :—

Four Operating Scalpels.  
Curved, Sharp-pointed Bistoury.

„ Probe „ „  
Straight Sharp „ „

Hernia Bistoury.

Tenaculum.

Double Tumour Hook.

Aneurism Needle.

Liston's Tumour Needle.

Simpson's Wire Needle.

Syme's Fenestrated Artery Forceps.

Pair Curved on Flat Dressing-scissors.

„ Polypus Forceps.

„ Spring Operating Forceps.

Director.

„ for Hernia.

Six Half-curved Suture Needles.

Tablet Evans & Wormull's Improved Ligature Silk  
and Wire.

Skein Ligature Thread ... 3 15 0

Mahogany Case, lined with Silk Velvet, containing :—

Four Scalpels.

Tenaculum.

Breast Knife.

Curved Sharp-pointed Bistoury.

„ Blunt „ „

Hernia Knife, Straight.

Elevator, Double.

Pair Scissors.

Aneurism Needle.

Director.

„ Steel.

Pair Bone Forceps.

„ Dressing Forceps.

„ Dissecting „

„ Liston's „ Tenaculum Points.

Two Spencer Well's Forceps.

Six Harelip Pins.

Six Suture Needles.

Tablet Silk and Wire.

Sulphuro. Chromic Catgut.

Two Retractors ... 4 4 0

£ s. d.

Mahogany Case, Brass-bound, lined with best Silk  
Velvet, containing :—

Four Operating Scalpels.									
Straight Sharp-pointed Bistoury.									
Curved	„	„	„						
„	Probe	„	„						
Hernia Bistoury.									
Pair Straight Bone-cutting Forceps.									
Finger Saw.									
Tenaculum.									
Two Pairs Dieffenbach's Artery Forceps.									
Blunt Hook.									
Sharp	„								
Aneurism Needle.									
Liston's Tumour Needle.									
Pair Straight Dressing Scissors.									
„ Fenestrated Artery Forceps.									
„ Polypus Forceps.									
„ Spring Operating Forceps.									
Straight Bone Chisel.									
Silver Director.									
Two Wire Retractors.									
Six Half-curved Needles.									
Tablet Evans & Wormull's Improved Ligature Silk and Wire.									
Skein Ligature Thread	...	...	...	...	...	...	...	6	10 0

Handsome Mahogany Brass-bound Case, lined with  
best Silk Velvet, containing :—

Four Operating Scalpels.									
Straight Sharp-pointed Bistoury.									
Curved	„	„	„						
„	Probe	„	„						
Hernia Bistoury.									
Pair Straight Bone-cutting Forceps.									
Fergusson's Saw, with Folding Back.									
Two Dieffenbach's Artery Forceps.									
Tenaculum.									
Double Tumour Hook.									
Aneurism Needle.									
Liston's Nævus Needle.									
Simpson's Wire Needle.									
Pair Curved on Flat Dressing Scissors.									
„	Straight	„	„						
„	Syme's Fenestrated Artery Forceps.								





Fig. 107.

Bistoury, Probe-pointed, Curved (Fig. 107)

£	s.	d.
...	...	0 4 0



Fig. 108.

Bistoury, Hernia (Fig. 108)

...	...	...	...	0	4	0
-----	-----	-----	-----	---	---	---



Fig. 109.

Bistoury, Straight, Sharp-pointed (Fig. 109)

...	...	0	3	6
-----	-----	---	---	---



Fig. 110.

Bistoury, Straight, Probe-pointed (Fig. 110)

...	...	0	4	0
-----	-----	---	---	---



Fig. 111.

Bistoury, Straight, Sharp, Broad (Fig. 111)

...	...	0	3	6
-----	-----	---	---	---



Fig. 112.

Director, Steel, Hernia (Fig. 112)

...	...	...	...	0	4	6
-----	-----	-----	-----	---	---	---



Fig. 113.

Director, Steel, for Pocket-case (Fig. 113)

...	...	0	2	6
-----	-----	---	---	---





Fig. 114.

Director, Silver, for Fistula (Fig. 114)	...	...	...	£	s.	d.
				0	8	6

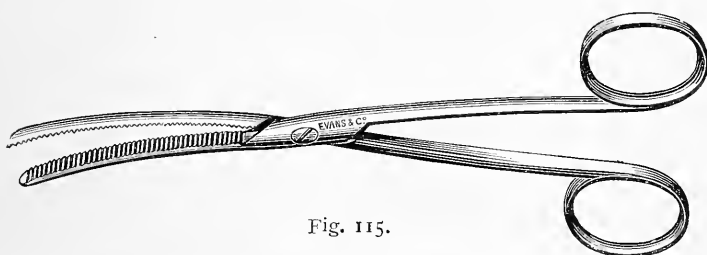


Fig. 115.

Polypus Forceps, Curved or Straight (Fig. 115)	...	...	...	0	8	6
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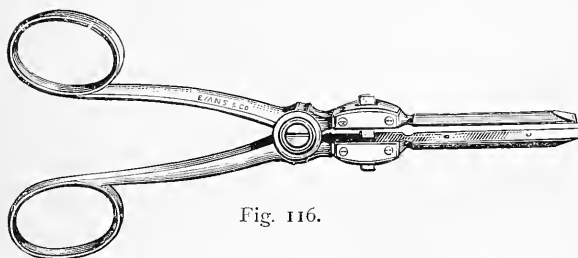


Fig. 116.

Harelip Forceps, with Parallel Blades (Fig. 116)	...	...	...	1	15	0
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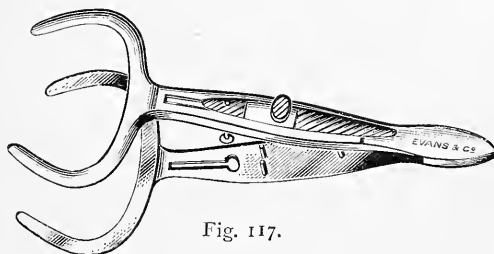


Fig. 117.

Smith's Harelip Forceps (Fig. 117)	...	...	...	0	17	6
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Harelip Pin-cutting Forceps	...	...	8s. 6d. and	£ s. d. 0 10 6
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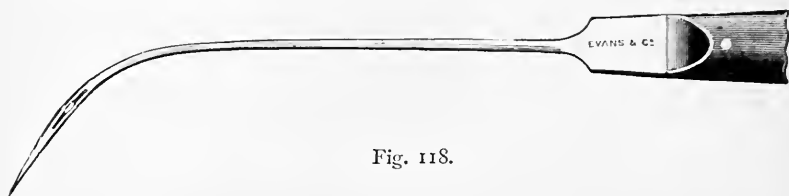


Fig. 118.

Liston's Nævus Needle (Fig. 118)...	...	...	...	0 4 6
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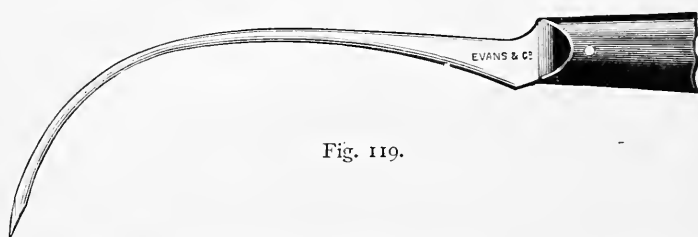


Fig. 119.

Simpson's Nævus Canula Needle (Fig. 119)	...	...	...	0 5 6
--	-----	-----	-----	-------



Fig. 120.



Fig. 121.

Tenotomy Knives (Figs. 120 and 121)	...	...	...	0 4 6
„ Knife (Davy's), Guarded, in Case	...	...	1 1 0	



Fig. 122.



Fig. 123.

Tenotomy Knives (Figs. 122 and 123)	...	...	...	0 4 6
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Fig. 124.



Fig. 125.

Tenotomy Knives (Figs. 124 and 125)	...	...	...	£	s.	d.
				0	4	6



Fig. 126.

Tenotomy Knife (Fig. 126)	...	...	...	...	0	4	6
„ Knives, Case of Six, with Ivory Handles and Silver Ferrules	...	...	...	...	1	10	0



Fig. 127.

Tumour Hook, Single (Fig. 127)	...	...	...	...	0	2	0
„ „ Double	...	...	...	...	0	5	0



Fig. 128.

Tenaculum (Fig. 128)	...	...	...	...	...	0	2	6
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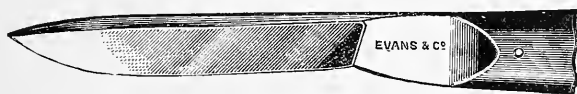


Fig. 129.

Scalpels, Operating, of sizes (Fig. 129)	...	...	each	0	2	0
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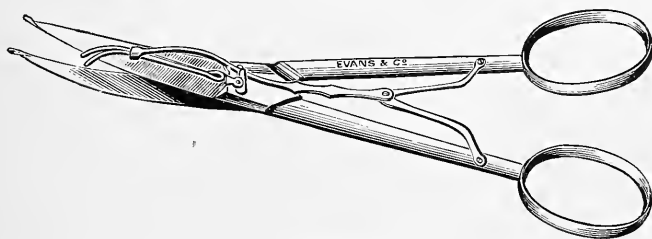


Fig. 130.

Skin Grafting Scissors (Cripps') in Case (Fig. 130)	...	1	15	0
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## POCKET INSTRUMENTS.

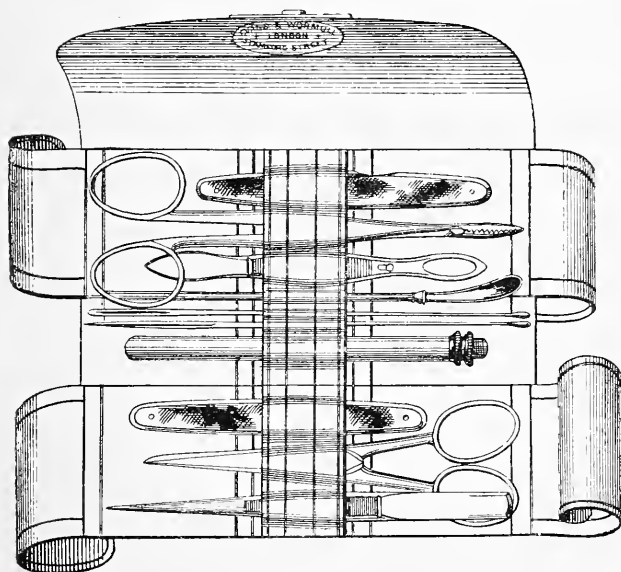


Fig. 133.

Dressing Instruments, in Leather Case, containing :— £. s. d.

Curved, Probe-pointed, Bistoury.

Abscess Lancet.

Scalpel, or Finger-knife.

Pair Straight Dressing Scissors.

„ Spring „ Forceps.

Probe.

Director and Scoop.

Six Half-curved Suture Needles.

Hank Ligature Thread ... .. I 3 0



Fig. 134.

Miniature Case of Instruments and Purse combined,  
for the Waistcoat Pocket, in Morocco  
Leather (Fig. 134), containing :—

Syme's Abscess Knife and Gum Lancet.

Finger-knife and Scalpel.

Pair Straight Dressing Scissors.

„ Dressing Forceps.

„ Artery Forceps.

Suture Needles and Silk ... .. 1 5 0

Morocco Leather Pocket Case of Instruments,  
fastened with Evans & Wormull's Patent  
Lock (Fig. 133), containing :—

Syme's Abscess Knife and Scalpel.

Curved Bistoury and Finger-knife.

Pair Dressing Forceps.

„ Fenestrated Artery Forceps.

Two Probes.

Scoop Director.

Plated Caustic Case.

Pair Scissors.

„ Spring Forceps.

Six Suture Needles ... .. 2 10 0

Pocket Case of Instruments, in Morocco Leather,  
containing :—

Double Bistoury.

Syme's and Tenotomy Knife.

Finger Knife and Scalpel.

£ s. d.

Close-shank Scissors.  
 Pair Spencer Well's Forceps.  
 Ebony Caustic Case.  
 Two Probes.  
 Ear Scoop and Director.  
 Pair Bow Forceps.  
 Spatula.  
 Aneurism Needle and Director.  
 Exploring Trocar in Ivory Case.  
 Pair Polished Forceps

... .. 3 3 0

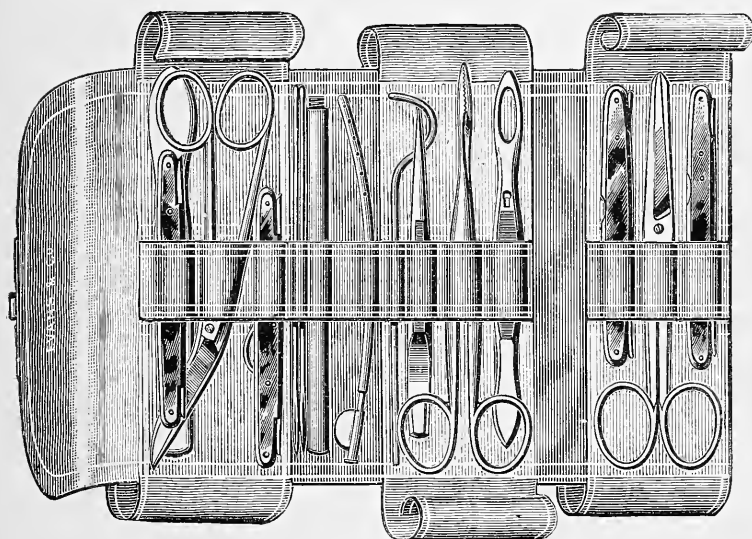


Fig. 135.

Handsome Morocco Leather Case Pocket Instruments, fitted with Evans & Wormull's Patent Lock (Fig. 135), containing :—

Sharp, and Probe-pointed, Curved Bistoury.  
 Syme's Abscess and Gum Lancet.  
 Finger Knife and Double-edged Scalpel.  
 Tenotomy Knife and Tenaculum.  
 Pair Straight Dressing Scissors.  
 „ Crooked „ „  
 „ Bow Dressing Forceps.  
 Female Catheter with Stopcock.

£ s. d.

Pair Fenestrated Artery Forceps.

„ Spring

Caustic Case with Palladium Holder and Exploring Trocar.

Director and Aneurism Needle.

Two Probes.

Six Half-curved Suture Needles.

Tongue Spatula.

Tablet of Evans &amp; Wormull's Ligature Silk and Wire 5 5 0

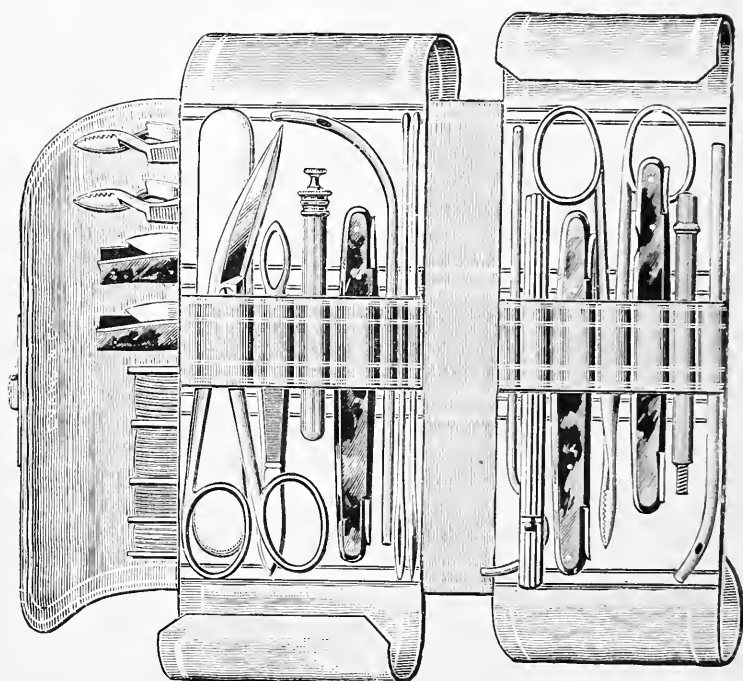


Fig. 136.

Army Regulation Pocket Case Instruments, in Morocco Leather Case, with Evans & Wormull's Patent Lock Fastening (Fig. 136), containing :—

Curved Sharp and Curved Probe-pointed Bistouries.

Syme's Abscess Knife and Scalpel.

Gum Lancet and Tenaculum.

Curved Dressing Scissors.

Straight „ Forceps.

Fenestrated Artery „



£ s. d.

Two Pair Dieffenbach's Forceps.

Two Bleeding Lancets.

Silver Male and Female Catheter combined with  
Palladium Caustic Holder.

Silver Hypodermic Syringe in Case.

Tongue Spatula.

Magnifying Index Clinical Thermometer in Plated  
Bayonet Catch Case.

Director and Aneurism Needle.

Two Probes.

Tablet Evans & Wormull's Improved Ligature  
Silk and Wire.

Six Half-curved Needles for Sutures      ...      5      5      0

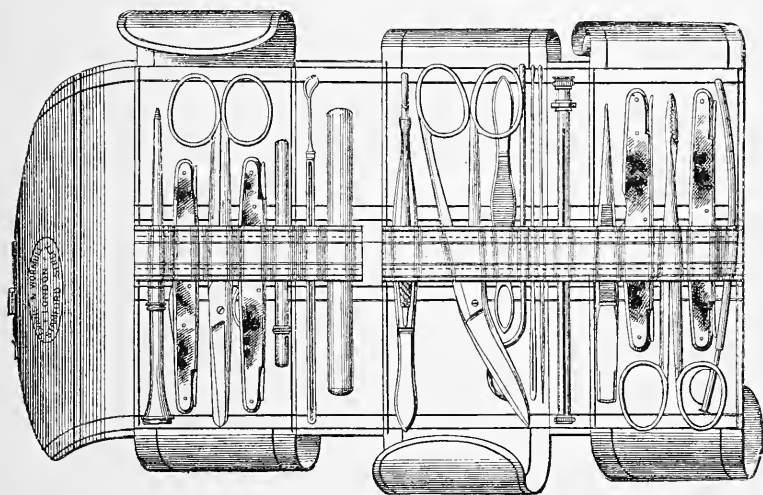


Fig. 137.

Morocco Leather Case Pocket Instruments, with  
Evans & Wormull's Patent Lock Fasten-  
ing (Fig. 137), containing :—

Gum Lancet and Tenaculum.

Straight Sharp-pointed Bistoury and Scalpel.

Curved Probe and Sharp-pointed Bistoury.

Syme's Abscess Lancet and Tenotomy Knife.

Exploring Needle and Silver Caustic Case combined.

,, Trocar, with Silver Canula, in Ivory Case.

Fenestrated Artery Forceps.

Artery Torsion, and Needle-holding Forceps.

Bow Dressing Forceps.



	£	s.	d.
Bistoury, Curved, Probe-pointed, with Lock-fast Catch, in Tortoiseshell Handle ... ..	o	6	6
Bistoury for Hernia, in Tortoiseshell Handle ... ..	o	4	6
” ” ” with Spring Back, in Tortoiseshell Handle ... ..	o	5	6
Bistoury for Hernia, with Lock-fast Catch, in Tortoiseshell Handle ... ..	o	6	6



Fig. 140.

Bistoury, Curved, Probe and Sharp Pointed, with Lock-fast Catch, in Tortoiseshell Handle (Fig. 140) ... ..	o	9	6
Bistoury, Curved Sharp, and Hernia, with Lock-fast Catch, in Tortoiseshell Handle ... ..	o	9	6

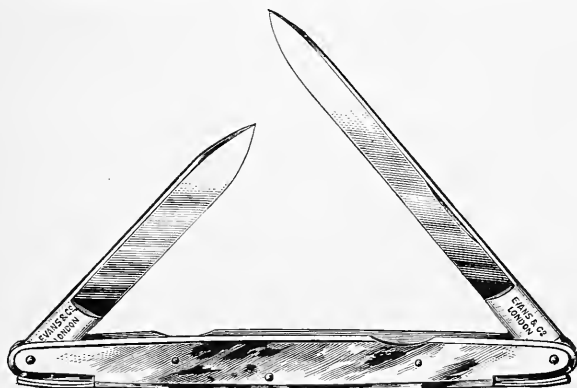


Fig. 141.

Bistoury, Straight Sharp, and Scalpel, with Lock-fast Catch, in Tortoiseshell Handle (Fig. 141) ... ..	o	9	o
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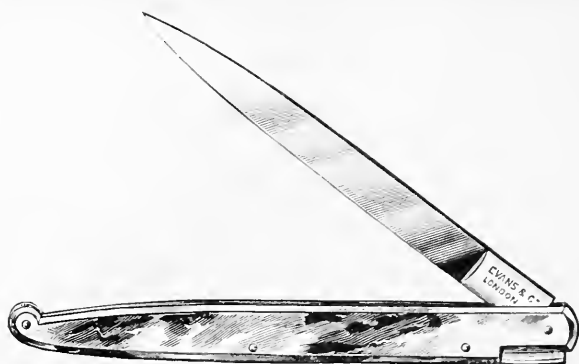


Fig. 142.

	<i>ℓ</i>	<i>s</i>	<i>d</i>
Finger Knives, in Tortoiseshell Handle, Spring Back, and Lock-fast Catch (Fig. 142) ... ..	o	6	o
Finger Saw, in Tortoiseshell Handle, Spring Back, and Lock-fast Catch ... ..	o	6	6



Fig. 143.

Gum Lancet, in Tortoiseshell Handle	...	...	...	0	2	6
" " " " with Spring Back.	...	...	...	0	5	6
Gum Lancet and Tenaculum, with Spring Back, in Tortoiseshell handle	...	...	...	0	7	6
Gum Lancet and Tenaculum, Lock-fast Catch, in Tortoiseshell Handle (Fig. 143)	...	...	...	0	8	6
Gum Knife, in Tortoiseshell Handle, with Spring Back	...	...	...	0	4	6
" " " " and Lock-fast Catch	...	...	...	0	5	6
Scalpel and "Tenotomy Knife, in Tortoiseshell Handle.	...	...	...	0	8	6
with Lock-fast Catch	...	...	...	0	8	6
Scalpel, Double-edged, and Finger Knife, with Lock-fast Catch, in Tortoiseshell Handle	...	...	...	0	9	0
Scalpels (Two) in Tortoiseshell Handle, with Lock-fast Catch	...	...	...	0	8	6
Scalpel, Tenotomy Knife, Gum Knife, and Syme's Abscess Knife, in Tortoiseshell Handle, with Spring Back	...	...	...	0	12	6
Scalpel, Gum Lancet, Pen Blade, and Syme's Abscess Lancet, in Tortoiseshell Handle, with Spring Back	...	...	...	0	12	6
Scalpel, in Tortoiseshell Handle	...	...	...	0	2	6
" " " " with Spring Back	...	...	...	0	4	6
" " " " Lockfast Catch	...	...	...	0	5	6

	£	s.	d.
Seton Needle, in Tortoiseshell Handle ... ..	0	3	6



Fig. 144.

Spatula, Silver Plated (Fig. 144) ... ..	0	2	6
„ Silver, with Chased Handle ... ..	0	10	6
Tenaculum, in Tortoiseshell Handle ... ..	0	2	6
„ „ „ „ with Spring Back ... ..	0	4	6
„ „ „ „ „ Lock-fast Catch ... ..	0	5	6

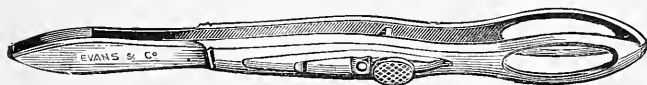


Fig. 145.

Artery Forceps, with Sliding Bolt (Fig. 145) ... ..	0	8	0
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Fig. 146.

Artery Forceps, Fenestrated (Fig. 146) ... ..	0	7	6
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Fig. 147.

Luer's Artery Forceps, with Sliding Catch (Fig. 147) ... ..	0	8	0
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Fig. 148.

Improved Torsion Forceps (Fig. 148) ... ..	0	10	6
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Fig. 149.

Dieffenbach's Artery Forceps (Fig. 149) ...	2s. 6d. and	£ s. d. 0 3 0
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Fig. 150.

Syme's Artery Forceps (Fig. 150) ...	...	...	0 7 0
Spencer Well's Improved Torsion Forceps, Nickel-plated	...	...	0 6 0
Bow Dressing Forceps ...	3s. 6d. and	...	0 4 0
.. .. Nickel-plated	...	...	0 4 6
.. .. with Catch, arranged so that they - may be easily taken apart to clean	...	...	0 5 6



Fig. 151.

Spring Artery Forceps (Fig. 151) ...	...	2s. 6d. and	0 3 0
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Fig. 152.

Evans's Celebrated Crown Lancets (Fig. 152) ...	...	0 2 0
Lancets, Abscess, in Tortoiseshell Handle	...	0 2 6

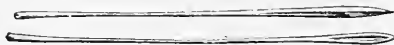


Fig. 153.

Pocket Probes (Fig. 153) ...	...	each	0 1 3
Silver Pocket Probes, extra stout	...	..	0 1 9

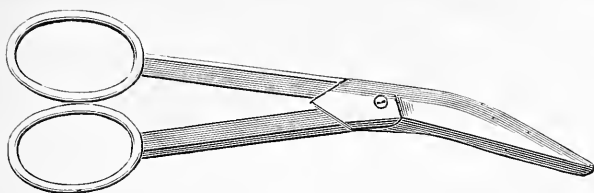


Fig. 154.

				£	s.	d.
Angular Dressing Scissors (Fig. 154)	...	3s.	6d.	and	0	4 6

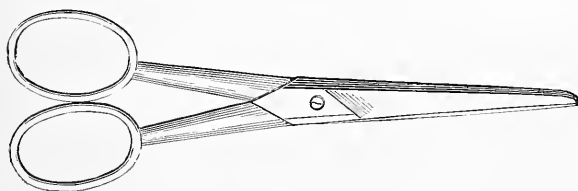


Fig. 155.

Straight Dressing Scissors (Fig. 155)	...	...	...	0	3	0
" " " " Close Shanks	...	...	...	0	4	0
Scissors Curved on Flat	...	...	...	7s.	6d.	and 0 8 6



Fig. 156.

Hypodermic Syringe, with Two Needles, in Metal Case	...	...	...	...	...	0 10 6
(Fig. 156)	...	...	...	...	...	0 16 0
Hypodermic Syringe, in Solid Silver Case...	...	...	...	...	...	0 16 0

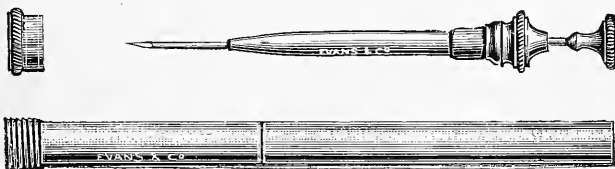


Fig. 157.

Hypodermic Syringe, with Division for carrying Solution	...	...	...	...	...	0 12 0
(Fig. 157)	...	...	...	...	...	0 12 0

“STANDARD” CLINICAL THERMOMETER.



Fig. 158.

All Clinical Thermometers have hitherto had the defect of gradually rising, or reading too high. The authorities at the Kew Observatory, knowing the above fact, include in their certificates of verification the following notice: “It is desirable that this instrument should be tested again after some time has elapsed, as mercurial Thermometers are liable to read too high through age.”

Now we have incontestably proved from verifications taken by Mr. Whipple, the Superintendent of the Kew Observatory, extending over a period of nine years, *that we can manufacture Thermometers which shall not alter.*

G. J. Symons, Esq., F.R.S., in a report of the International Inventions Exhibition, says that the above result is the most important in Thermometry for a quarter of a century.

The “Standard” Unalterable Clinical Thermometers are made with Patent Lens-front (magnifying the bore about ten times); Permanent Index (the loss of which is impossible); Indelible Engraving, and of Standard Precision, and will not through age read too high.

£ s. d.

The “Standard” Clinical Thermometer, with corrections as determined at the Kew Observatory engraved thereon at their respective places	...	...	...	0	7	6
The “Standard” Clinical Thermometer, with Patent Lens-front and Permanent Index	...	...	...	0	9	6
The “Standard” Clinical Thermometer, with Patent Lens-front, Permanent Index, Kew Certificate, and Corrections as determined at the Kew Observatory engraved thereon at their respective places	...	...	...	0	10	6

It is only the Unalterable Thermometers that are applicable for having their corrections engraved thereon.



Fig. 159.

Clinical Thermometer, with Patent Magnified Index and Constriction by which the whole column remains under the lens until readjusted for a fresh reading, in Metal Case (Fig. 159)

... 0 7 6





Fig. 160.



Fig. 161.

Clinical Thermometer, with Indestructible and Magnifying Index, in Propelling Pencil Case (Figs. 160 and 161)

£ s. d.

0 13 0



Fig. 162.

Clinical Thermometer, combined with Caustic Holder (Fig. 162)

1 5 0



Fig. 163.

Catheter, Female, Silver-plated (Fig. 163)

0 5 0



Fig. 164.

Catheter, Female, with Slide and Stopcock (Fig. 164)

0 6 6

„ Combined, Male and Female, Silver-plated

0 7 6

„ „ „ „ and Child, Silver-plated

0 10 6

Catheter, Combined, Male and Female, with Caustic Holder, in Sterling Silver

1 1 0



Fig. 165.

Caustic Cases, with Silver-gilt Holder, Ebony (Fig. 165)

0 4 0

„ „ „ „ „ Plated

0 4 6

„ „ „ „ „ Platinum Holder and Seamless Silver Cover

0 12 6

	£	s.	d.
Caustic Case, with Silver-gilt Holder and Gilt Exploring Needle, in Plated Case ... ..	0	8	6
Caustic Case, with Silver-gilt Holder and Gilt Exploring Needle, in Silver Case... ..	0	18	0
Caustic Case, with Silver-gilt Holder and Exploring Trocar, with Silver Canula, in Plated Case ... ..	0	12	6
Caustic Case, with Silver-gilt Holder and Exploring Trocar, with Silver Canula, in Solid Seamless Silver Case ... ..	1	1	0
Exploring Needle, Gilt, in Ivory Case ... ..	0	3	6
" " " with Ear Scoop, in Ivory Case ... ..	0	4	6



Fig. 166.

Trocar and Silver Canula, in Ivory Case (Fig. 166) ... ..	0	7	0
Ligature Silk, Evans & Wormull's, Improved, Four Sizes, and One Size Ligature Wire, Mounted on Tablet for the Pocket Book ... ..	0	1	6
Ligature Silk, Evans & Wormull's, Improved, warranted not to kink ... .. per hank	0	0	9

EAR AND NOSE INSTRUMENTS.

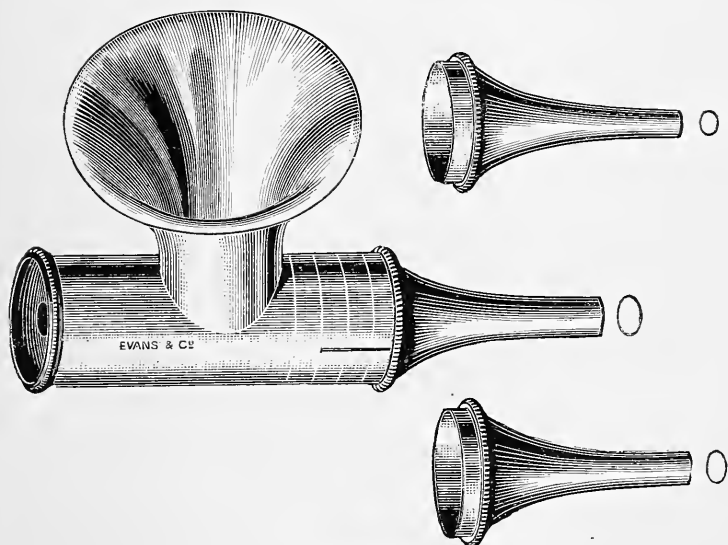


Fig. 167.

							£	s.	d.
Brunton's Auriscope, with Specula of Three Sizes, in Case									
(Fig. 167)	...	...	...	...	...	...	1	10	0

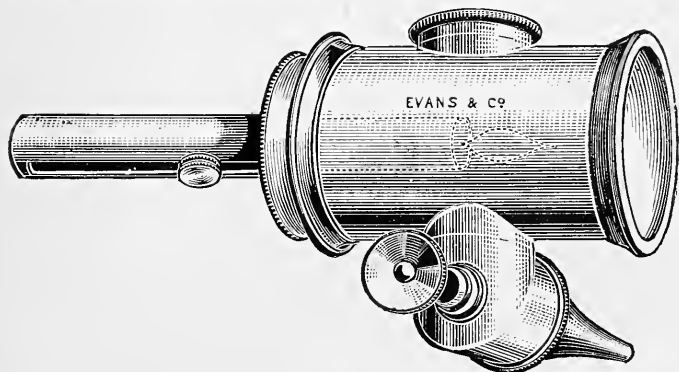


Fig. 168.

Jordan's Ear Illuminator, in Case, complete (Fig. 168)	...	1	4	0
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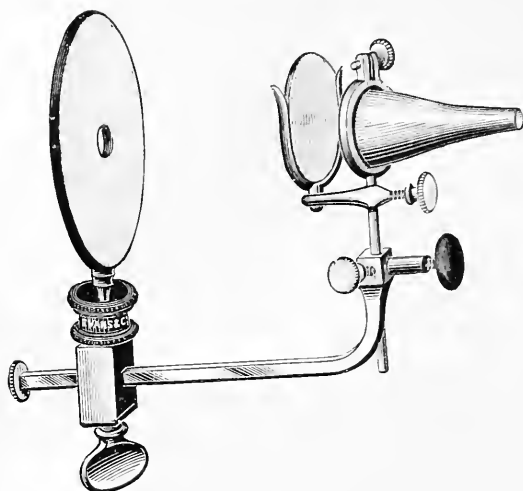


Fig. 169.

Weber's Ear Illuminator, in Case, complete (Fig. 169)	...	£	s.	d.
		1	15	0

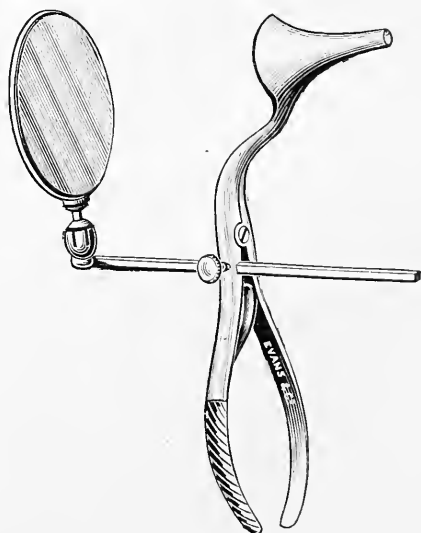


Fig. 170.

Miot's Ear Speculum, with Reflector (Fig. 170)	...	...	0	16	0
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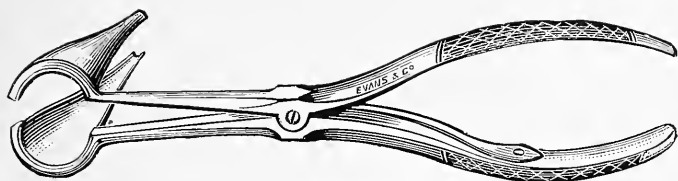


Fig. 171.

Kramer's Ear Dilating Speculum (Fig. 171)	...	...	£	s.	d.
			0	9	6

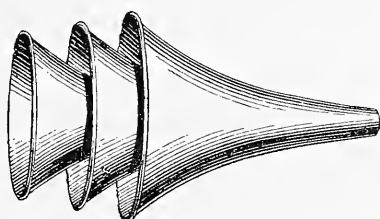


Fig. 172.

Turner's Ear Speculum, Three Sizes, Silver-plated (Fig. 172)	...	...	...	...	...	...	per set	0	10	6
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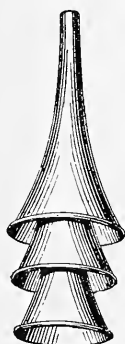


Fig. 173.

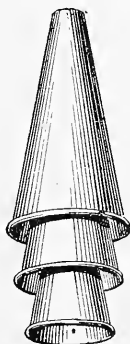


Fig. 174.

Toynbee's Ear Speculum, Three Sizes, Silver-plated (Fig. 173)	...	...	...	...	...	...	per set	0	10	6
Wilde's Ear Speculum, Three Sizes, Silver-plated (Fig. 174)	...	...	...	...	...	...	per set	0	10	6

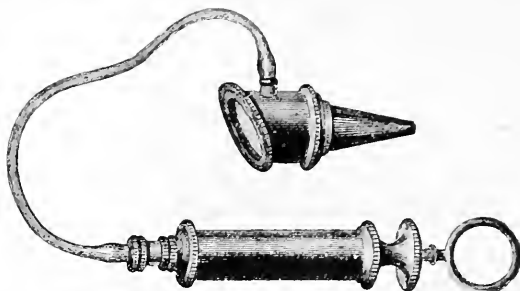


Fig. 175.

							£	s.	d.
Siegle's Pneumatic Aural Speculum (Fig. 175)	...	...	...	...	...	...	0	16	0
" size Canulas	...	...	...	...	...	...	1	8	0

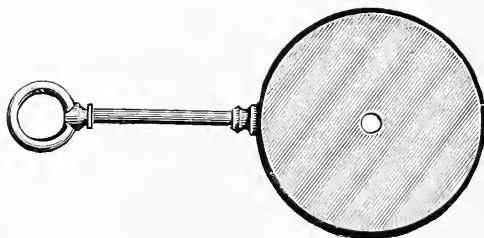


Fig. 176.

Aural Reflector (Fig. 176)	...	...	...	8s., 10s., and	0	11	6
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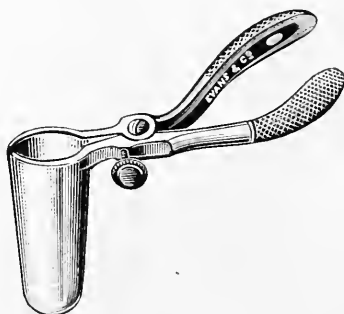


Fig. 177.

Roth's Nasal Speculum (Fig. 177)	...	...	...	0	6	0
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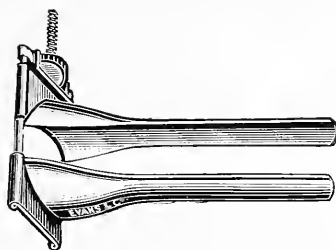


Fig. 178.

			£	s.	d.
Lanfals Parallel Dilating Speculum (Fig. 178)	...	...	0	9	6
Lennox Browne's Nose Speculum	...	...	0	7	6

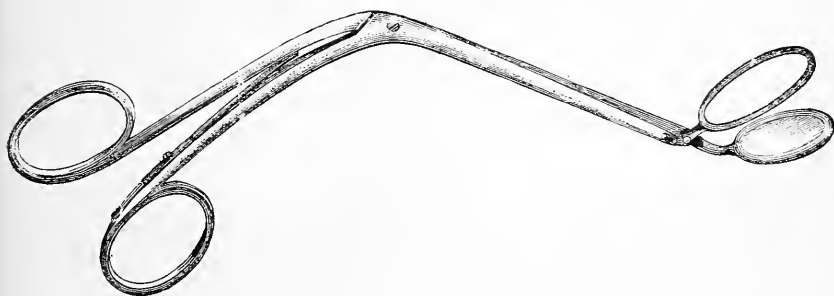


Fig. 179.

Duplay's Rhinoscope or Post Nasal Mirror (Fig. 179)	...	...	1	5	0
Mitchell's	..	..	0	12	6
Frankel's	..	..	0	12	6

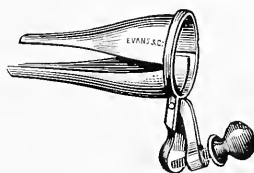


Fig. 180.

Ear Speculum, with Screw Lever (Fig. 180)	...	...	0	9	6
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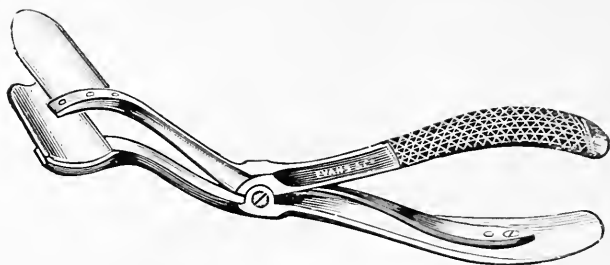


Fig. 181.

Nose Speculum, with German Silver Blades (Fig. 181) ...	£	s.	d.
	0	9	6

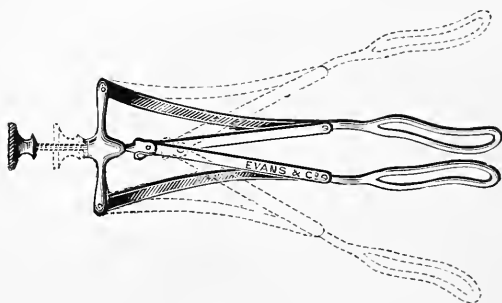


Fig. 182.

Frankel's Nose Dilator, Plated (Fig. 182) ...	...	0	5	0
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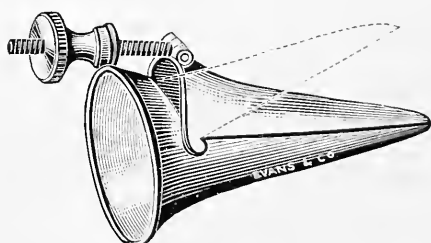


Fig. 183.

Duplay's Nasal Speculum (Fig. 183) ...	...	...	0	8	6
Thudichum's Nasal Speculum ...	...	...	0	5	0
Baber's Self-retaining „ ...	...	...	0	5	6
Elsberg's Three-bladed „ ...	...	...	1	5	0
Improved Bivalve Nasal Speculum, with Ivory or Metal Blades ...	...	...	0	8	6
Fenestrated Nasal Speculum, with Sliding Ivory Plate ...	...	...	0	12	0



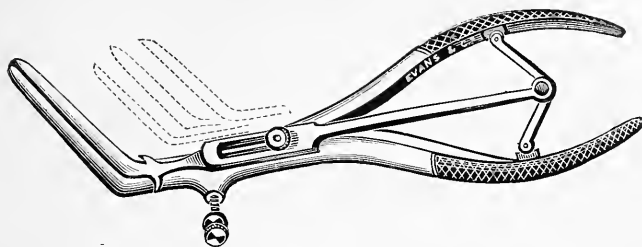


Fig. 184.

							£	s.	d.
Three-bladed Dilating Nasal Speculum, Nickel-plated									
(Fig. 184)	...	...	...	...	...	...	1	15	0

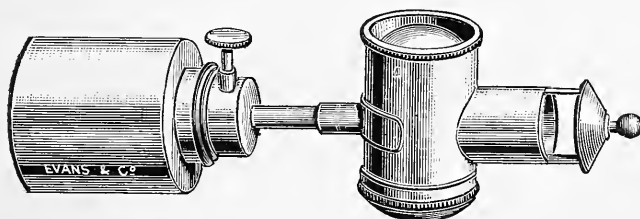


Fig. 185.

Illuminating Lamp for Aural, Laryngeal, or Vaginal Operations, in Case (Fig. 185)	...	...	...	...	...	1	1	0
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The wick is fed by a sponge saturated with benzoline.



Fig. 186.

Kramer's Eustachian Catheter, Plated (Fig. 186)...	...	0	5	0
"    "    "    Silver    "    ...	...	0	7	6
Vulcanite    "    "    ...    ...	...	0	2	6
Morison's    "    "    ...    ...	...	1	10	0
Baber's    "    "    ...    ...	...	0	5	0



Fig. 187.

		£	s.	d.
Pilcher's Eustachian Catheter, Plated (Fig. 187) ...	...	0	5	0
" " " Silver ..	...	0	7	6

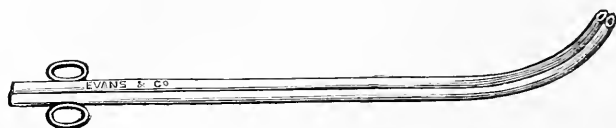


Fig. 188.

Double-channel Eustachian Catheter, Silver (Fig. 188) ...	0	9	0
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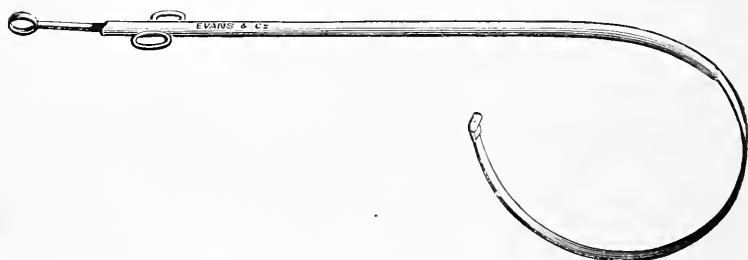


Fig. 189.

Bellocq's Canula for Epistaxis, Plated (Fig. 189) ...	0	6	6
" " " Silver ...	0	8	6
Keene's Nasal Plug ...	0	8	0

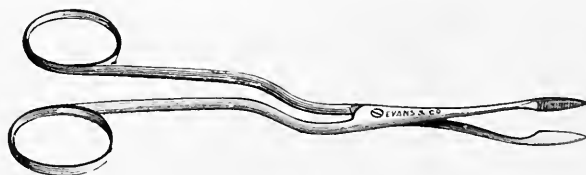


Fig. 190.

Yearsley's Polypus Forceps, with Bent Shanks (Fig. 190) ...	0	5	6
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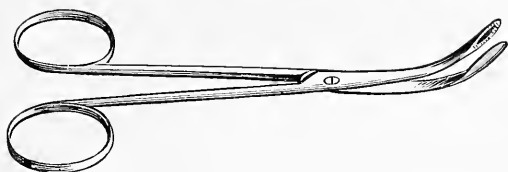


Fig. 191.

Curved Forceps, for Polypus of the Ear (Fig. 191)	...	£	s.	d.
		0	5	6

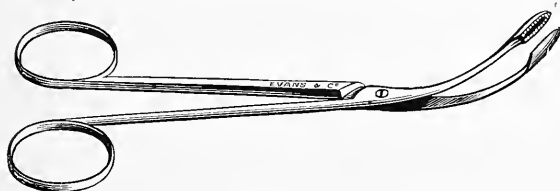


Fig. 192.

Curved Forceps, for Polypus of the Ear (Fig. 192)	...	0	5	6
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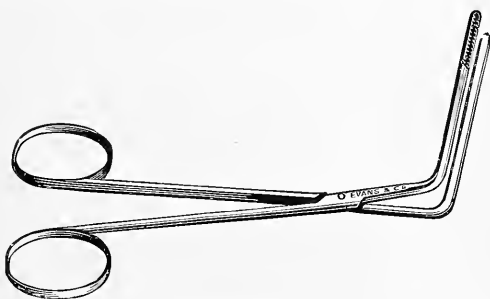


Fig. 193.

Toynbee's Angular Forceps (Fig. 193)	...	...	...	0	8	6
--------------------------------------	-----	-----	-----	---	---	---



Fig. 194.

Yearsley's Straight Polypus Forceps (Fig. 194)	...	...	0	4	6
Forceps for applying Wool to the Ear	...	...	0	3	6
" " " " " " with Probe end	...	...	0	4	6

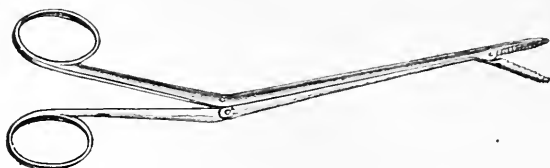


Fig. 195.

					£	s.	d.
Noye's Ear Forceps (Fig. 195)	...	...	...	...	0	15	6



Fig. 196.

Forceps, for removing Foreign Bodies from the Ear, with Sliding Catch (Fig. 196)	...	...	...	...	0	10	6
--	-----	-----	-----	-----	---	----	---



Fig. 197.

Improved Spring Forceps, for removing Foreign Bodies from the Ear (Fig. 197)	...	...	...	...	0	10	6
Duplay's Forceps, for removing Foreign Bodies from the Ear	...	...	...	...	0	15	6

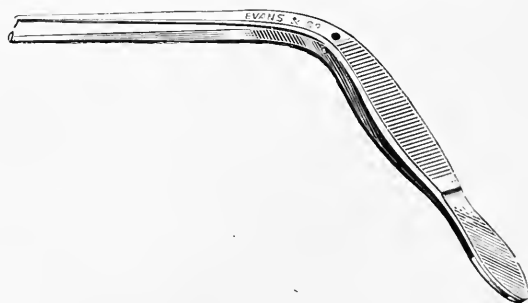


Fig. 198.

Wilde's Ear Forceps (Fig. 198)	...	...	...	...	0	5	6
Keene's „ „	...	...	...	...	0	5	0

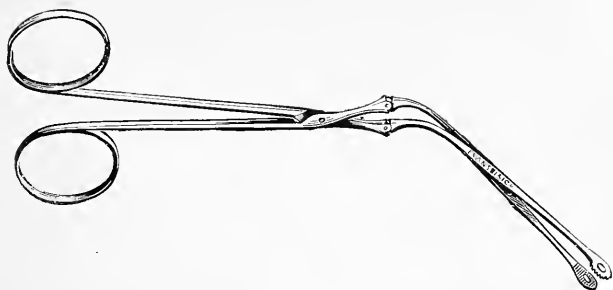


Fig. 199.

	£	s.	d.
Toynbee's Improved Cross-action Forceps, for removing Polypus of the Ear (Fig. 199)...	0	12	6

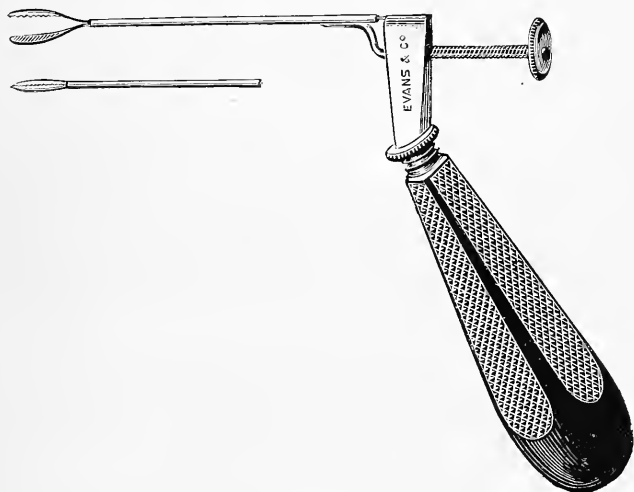


Fig. 200.

Avery's Canula Polypus Ear Forceps, in Case (Fig. 200)...	1	5	0
Toynbee's Lever Canula Ear Forceps, in Case ...	1	15	0
Durham's Flexible Ear Forceps, in Case ...	1	10	0

These Forceps are made with a malleable copper stem, and the Canula of spiral wire, which admits of their being bent to any required angle.



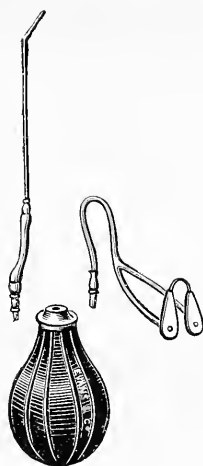


Fig. 204.

	£	s.	d.
Politzer's Apparatus for passing Air through Eustachian Tube (Fig. 204) ... ..	0	15	0
Allen's Apparatus for passing Air through Eustachian Tube ... ..	0	15	0
Lennox Browne's Air Douche ... ..	0	5	0
Lennox Browne's Forceps for Nasal Polypi, with Sliding Bolt ... ..	0	9	0



Fig. 205.

Evans & Wormull's Nasal Polypus Forceps (Fig. 205) ... ..	0	10	6
Woake's Post Nasal Forceps ... ..	0	17	6

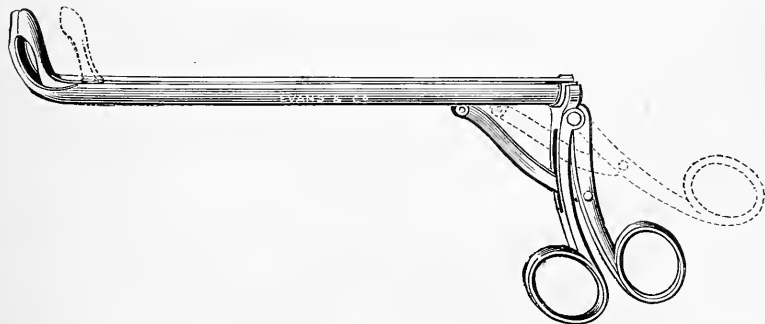


Fig. 206.

Mackenzie's Post Nasal Forceps (Fig. 206) ... ..	2	2	0
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	£	s.	d.
Mackenzie's Nasal Polypus Punch... ..	0	10	6
Adams's Forceps for Straightening the Septum ... ..	0	10	6
"    Clamps ... ..	0	10	6
"    or Walsham's Plugs for Septum " ... .. per pair	0	4	6
Politzer's Post Nasal Scissors ... ..	1	0	0
Mackenzie's Curettes, two fitting into one handle... ..	0	13	0
"    "    in fixed handles ... .. each	0	6	6
Nasal Brushes ... ..	0	2	0
Whistler's Nasal Inhaler ... ..	0	16	0
Syphon Nasal Douche ... ..	0	5	0
Lennox Browne's Nasal Douche, with Rubber Mount ... ..	0	5	0

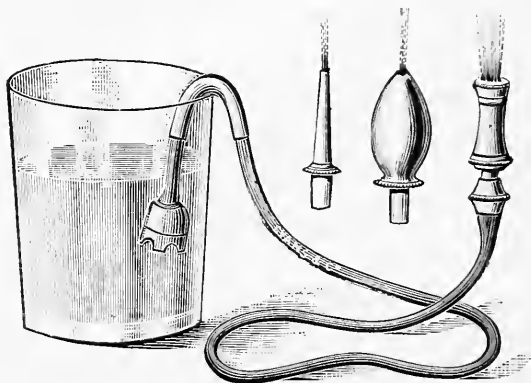


Fig. 207.

Combined Nasal Eye and Ear Douche, with Three Mounts (Fig. 207) ... ..	0	7	6
Lennox Browne's Nasal Syringe, Vulcanite ... ..	0	8	6
Post Nasal Syringe, with Glass Barrel and Vulcanite Mount ... ..	0	7	6
Cooper Rose's Tampon for Epistaxis, with Inflator ... ..	0	7	6
Howard's Inflating Plug, for Plugging Anterior and Posterior Naries ... ..	0	5	6

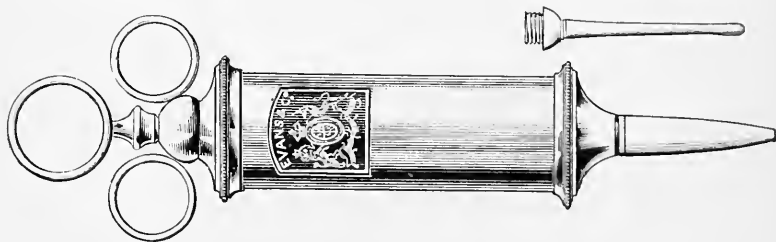


Fig. 208.

Improved Brass Ear Syringe, fitted with Toynbee's or Abernethy's Pipe (Fig. 208) ... ..	3 oz.	0	12	6
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								£	s.	d.
Brass Ear Syringes, Plain	...	...	...	...	2 oz.	0	6	0		
" " " "	...	...	...	...	4 "	0	8	0		



Fig. 209.

Toynbee's Ear and Nose Syringe (Fig. 209)	...	...	0	7	0
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Fig. 210.

Vulcanite Ear Syringe (Fig. 210)	...	...	...	0	2	0
Ear Syringe, Three-ring, with Speculum and Ear Spout	...	...	...	0	15	0

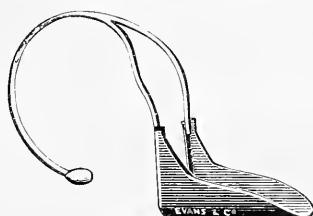


Fig. 211.

Ear Channel for receiving Water while Syringing the Ear (Fig. 211)	...	...	...	...	...	0	4	6
Ear Channel, with Head Spring-jointed	...	...	...	...	...	0	7	0

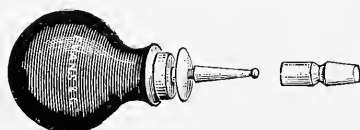


Fig. 212.

Ear Syringe, with Cap and Elastic Bottle (Fig. 212)	...	...	...	...	...	0	2	0
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Fig. 213.



Fig. 214.

Ear Cornets (Figs. 213 and 214) ...	...from 7s. 6d. to	£	s.	d.
		0	15	0

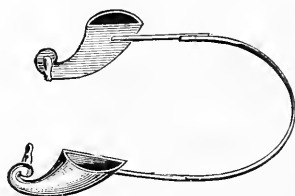


Fig. 215.

Ear Cornet, with Adjusting Spring for the Head (Fig. 215)	0	16	0
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Fig. 216.

Hearing Trumpet (Fig. 216)	...	...	...	...	0	10	6
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Fig. 217.

Martineau's Telescopic Hearing Trumpet (Fig. 217)	...	0	10	6
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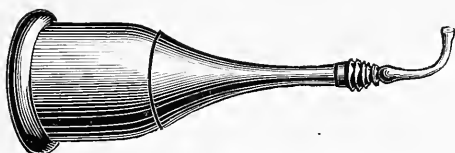


Fig. 218.

Vulcanite Ear Trumpet (Fig. 218)	...	...	...	£	s.	d.
				0	9	0

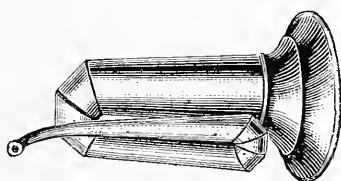


Fig. 219.

Portable Hearing Trumpet (Fig. 219)	...	...	...	0	10	6
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Fig. 220.

Curtis's Powerful Hearing Trumpet (Fig. 220)	...	...	...	0	10	6
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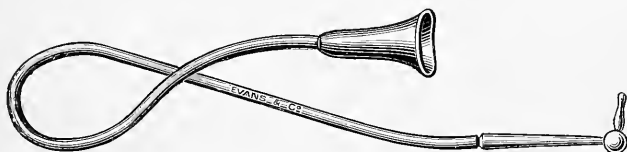


Fig. 221.

Conversation Tubes, Flexible (Fig. 221)	from 10s. 6d. to	0	15	0
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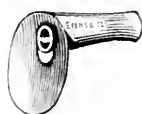


Fig. 222.

					£	s.	d.
Ear Tube, Silver (Fig. 222)...	...	...	...	each	0	5	0
„ „ Vulcanite	...	...	...	„	0	3	0
Toynbee's, Field's, or Yearsley's Artificial Tympanums	..			„	0	1	6
Turnbull's Artificial Tympanums	...	...	...	„	0	2	6

## Ear Instrument Case :—

Brunton's Lamp.

Four Pairs Forceps, different Curves and Shapes. -

Set of Plated Canulas.

Roll of Wire.

Leroy's Instrument for extracting Foreign Bodies  
from the Ear.

Leather Case lined with Silk Velvet ... .. 3 17 0

## EYE INSTRUMENTS.

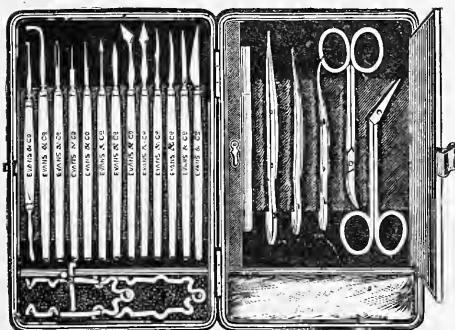


Fig. 223.

Morocco Leather Case, lined with Silk Velvet, containing :— £ s. d.

Beer's Cataract Knife.

Pair Iris Scissors.

„ „ Forceps.

„ Cilia Forceps.

Cystotome and Curette.

Tyrrell's Hook.

Broad Needle.

Stop „

Two Lachrymal Probes.

Spring Speculum.

Hank Silk.

Six Straight Needles.

The above Set, in Ivory Handles ... .. 2 10 0

Morocco Leather Case, lined with Silk Velvet, containing :—

Beer's Cataract Knife.

White Cooper's Cataract Knife.

£ s. d.

Beer's Needle.					
Bowman's Stop Needle.					
Scarpa's Needle.					
Tyrrell's Hook.					
Pair Straight Iris Scissors.					
Silver Curette and Sharp Hook.					
Evans & Wormull's Improved Eyelid Retractor.					
Pair Maunoir's Scissors.					
Set Bowman's Lachrymal Probes.					
Critchett's Canaliculus Director.					
Pair Cilia Forceps.					
„ Iris „					
Hank Silk.					
Six Eye Needles.					
The above Set, in Ivory Handles ...	...	...	...	3	15 0

Morocco Leather Case, lined with Silk Velvet, containing :—

Two Graefe's Linear Cataract Knives.					
Jaeger's Straight Iridectomy Knife.					
Weber's Improved Canaliculus Knife.					
Beer's Broad Needle.					
„ Small „					
Pair Cilia Forceps.					
„ Iris Scissors.					
Set Anel's and Bowman's Lachrymal Probes.					
Six Eye Needles.					
Two Bowman's Stop Needles.					
Graefe's Cystotome and Curette.					
Tyrrell's Iris Hook.					
Pair Improved Fixation Forceps.					
„ Straight Iris Forceps.					
Critchett's Canaliculus Director.					
Spring Eye Speculum.					
Skein Silk.					
The above Set, complete, in Ivory Handles ...	...	5	0 0		

Morocco Leather or Mahogany Case, lined with best Silk Velvet (Fig. 223), containing :—

Beer's Cataract Knife.	
Two Graefe's Linear Cataract Knives.	
Jaeger's Straight Iridectomy Knife.	
„ Angular „	
Weber's Improved Canaliculus Knife.	

£ s. d.

Beer's Broad Needle.							
„ Medium „							
Two Stop Needles.							
Bowman's Strabismus Hook.							
Walton's Foreign Body Scoop.							
Graefe's Cystotome and Curette.							
Pair Improved Fixation Forceps.							
„ Straight Iris Forceps.							
„ Curved „ „							
„ Maunoir's Angular Scissors.							
„ Straight Iris Scissors.							
„ Strabismus „							
Set Bowman's Probes and Critchett's Canaliculus Director.							
Improved Stop Eye Speculum.							
Six Needles.							
Skein Eye Silk.							
The above Set, in Ivory Handles ... ..						6	0 0

Morocco Leather or Mahogany Case, lined with  
Silk Velvet, containing :—

White Cooper's Cataract Knife.							
Beer's „ „							
Sichel's „ „							
Two Graefe's „ „							
Broad Beer's Needle.							
Small „ „							
Saunders's Cataract Needle.							
Scarpa's „ „							
Tyrrell's „ „							
Walton's Foreign Body Scoop.							
Silver Curette and Sharp Hook.							
Critchett's Double Spoon.							
Pair Maunoir's Scissors.							
„ Bowman's Probe-pointed Strabismus Scissors.							
„ Cilia Forceps.							
„ Curved Iris Forceps.							
„ Straight „ „							
Set Bowman's Probes, in Case, with Critchett's Canaliculus Director.							
Evans & Wormull's Improved Eye Speculum.							
Improved Screw-stop Eye Speculum.							
Six Needles.							
Skein of Silk.							
The above Set of Instruments, in Ivory Handles, complete ... ..						6	6 0

£ s. d.

Mahogany Case, lined with best Silk Velvet, containing :—

- Dixon's Cataract Knife.
- Two Graefe's Linear Knives.
- Silver Curette and Sharp Hook.
- Tyrrell's Hook.
- Weber's Improved Canaliculus Knife.
- Set Bowman's Lachrymal Probes and Critchett's Director.
- Jaeger's Straight Iridectomy Knife.
- „ Angular „ „
- Beer's Cataract Knife.
- „ Broad Needle.
- Bowman's Stop Needle.
- Two Scarpa's Needles.
- Beer's Medium Needle.
- Two Saunder's Cataract Needles.
- Small Scalpel.
- Silver Spatula.
- Pair Evans & Wormull's Improved Entropium Forceps.
- Pair Wilde's Tumour Forceps.
- Bowman's and Schuft's Double Spoon.
- Pair Straight Iris Forceps.
- „ Curved „ „
- „ Cilia Forceps.
- „ Fixation Forceps.
- „ Canaliculus Scissors.
- „ Maunoir's „
- „ Straight Iris Scissors.
- „ Bowman's Probe-pointed Strabismus Scissors.
- Bowman's Improved Eye Speculum.
- „ Strabismus Hook.
- Skein Eye Silk.
- Six Needles.
- The above Set, in Ivory Handles, complete ... 12 12 0

Mahogany Case, lined with best Silk Velvet, containing :—

- Four Graefe's Linear Cataract Knives.
- Weber's Improved Canaliculus Knife.
- Sichel's Cataract Knife.
- Jaeger's Straight Iridectomy Knife.
- Two Jaeger's Improved Angular Iridectomy Knives.
- Walton's Knife, for the Lachrymal Duct.



£ s. d.

Bowman's Double Silver Spoon.			
Vulcanite Spoon.			
Cystotome and Curette.			
Two Beer's Broad Needles.			
Scarpa's Needle.			
Beer's Cataract Needle.			
Two Bowman's Stop Needles.			
Tyrrell's Iris Hook.			
Fine Lens	„		
Bowman's Strabismus Hook.			
Walton's Foreign Body Scoop.			
Fistula Lachrymalis Cautey.			
Two Pair Desmarre's Entropium Forceps, Right			
and Left.			
Pair Broad Fixation Forceps.			
„ Narrow	„	„	
Improved Spring Speculum.			
„ Stop	„		
Spatula.			
Pair Curved Iris Forceps.			
„ Straight	„	„	
„ Cilia	„		
„ Maunoir's Scissors.			
„ Straight Iris	„		
„ Curved	„	„	
„ Strabismus	„		
„ Excision	„		
„ Needle-holding Forceps.			
Set Bowman's Lachrymal Probes.			
Critchett's Canaliculus Director.			
Six Half-curved Needles.			
Six Straight	„		
Six Skeins Fine Silk.			
The above Set of Instruments, in Ivory Handles...	14	10	0

Mahogany Case, lined with Silk Velvet, containing :—

Two Sichel's Cataract Knives.			
Secondary	„	„	
Bowman's Puncture Knife.			
Weber's Canaliculus	„		
Bowman's	„	„	
Four Graefe's Linear Knives.			
Two Beer's Broad Needles.			
Two	„	Medium	„
One	„	Small	„



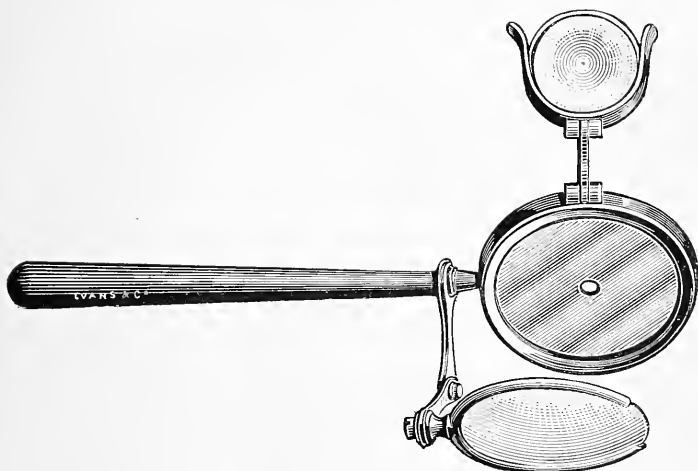


Fig. 224.

Zehender's Ophthalmoscope, with Magnifiers (Fig. 224) ...

£	s.	d.
1	6	0

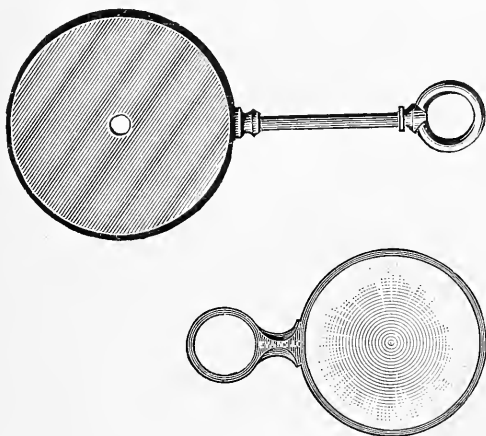


Fig. 225.

Pocket Ophthalmoscope, with Magnifying Glass (Fig. 225)    0 15 0

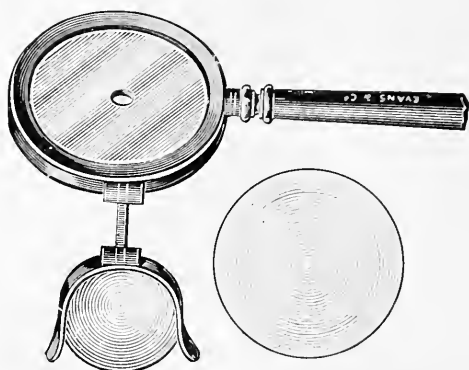


Fig. 226.

	£	s.	d.
Liebreich's Ophthalmoscope, with Two Large and Five Small Lenses, in Morocco Leather Case (Fig. 226)	15s.	10	0
Landolt's Ophthalmoscope ... ..	2	10	0

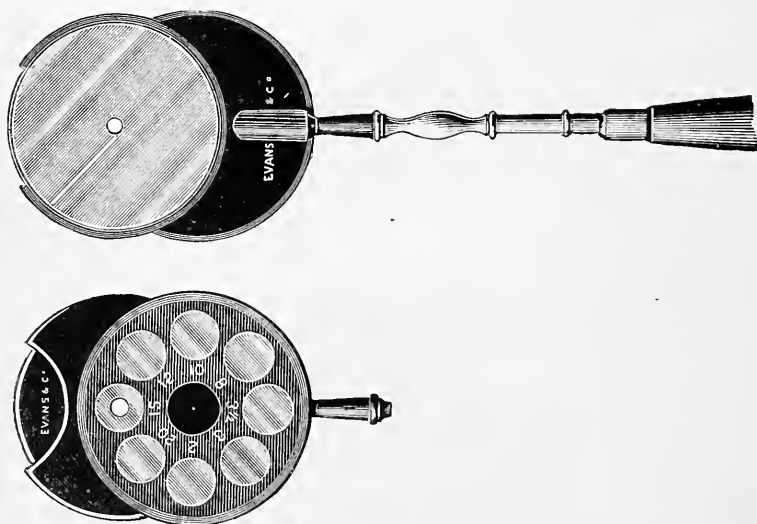


Fig. 227.

Dudley's Ophthalmoscope, with Two Reflectors, Two Magnifying Glasses, and Twenty-four Object Glasses, in Case (Fig. 227) ... ..	2	15	0
De Wecker's Ophthalmoscope, in Case ... ..	2	0	0
„ „ with Two Discs, in Case...	2	10	0

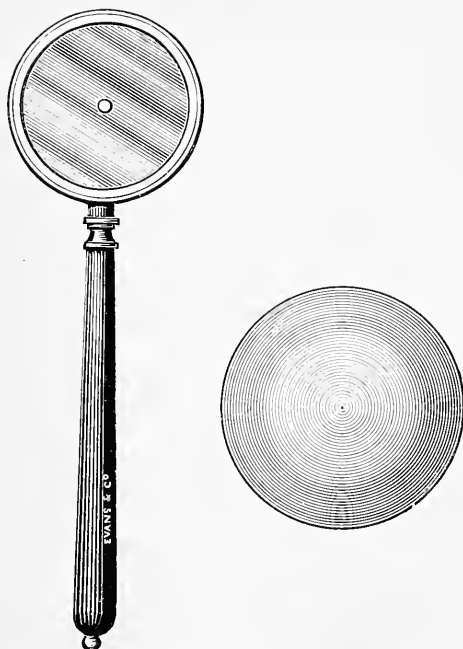


Fig. 228.

Improved Ophthalmoscope, with Two Magnifiers and Five

Object Glasses, in Case (Fig. 228) ... ..

Couper's Ophthalmoscope ... ..

Gower's .. ..

£. s. d.

0 15 0

2 10 0

2 10 0



Fig. 229.

Pocket Ophthalmoscope, in Ebonite Case (Fig. 229) ... ..

0 9 0

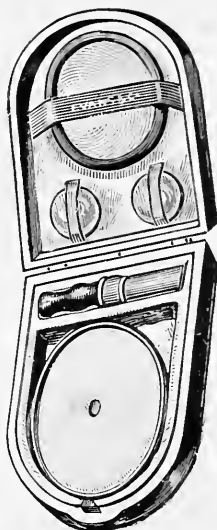


Fig. 230.

Bader's Portable Ophthalmoscope, in Spring Leather Case  
(Fig. 230) ... ..

£ s. d.

0 12 0



Fig. 231.

Pocket Ophthalmoscope, with Three Magnifying Lenses  
(Fig. 231) ... ..

0 17 6

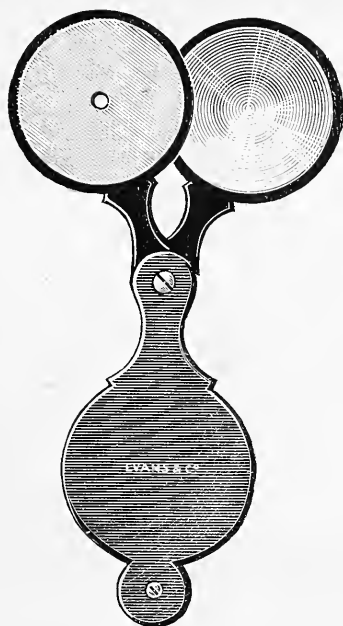


Fig. 232.

Pocket Ophthalmoscope, with Magnifying Glass (Fig. 232)

£	s.	d.
0	10	6

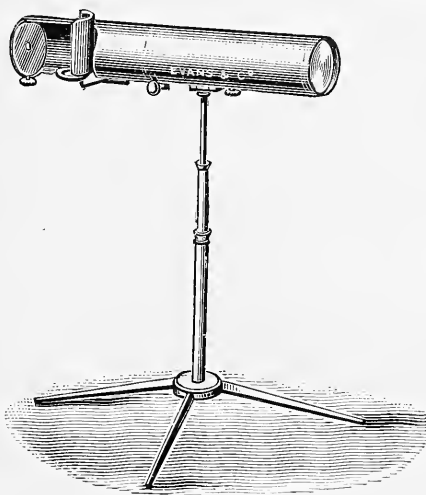


Fig. 233.

Liebreich's Large Ophthalmoscope, with Stand (Fig. 233)

4	10	0
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Fig. 234.

					£	s.	d.
Beale's Ophthalmoscope, with Sliding Stand and Lamp, in Mahogany Case (Fig. 234)	...	...	...	...	2	10	0
Morton's Ophthalmoscope ...	...	...	...	...	3	3	0



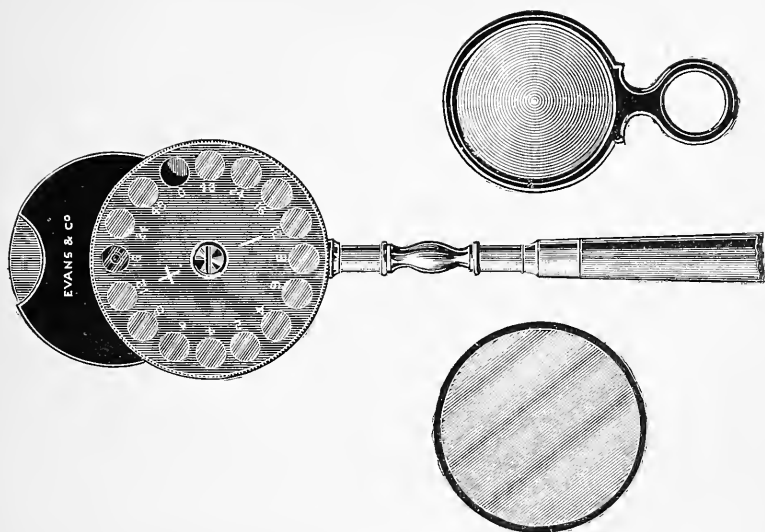


Fig. 235.

	£	s.	d.
Loring's Ophthalmoscope, with Two Discs (Fig. 235) ...	2	15	0
Knapp's Ophthalmoscope ... ..	2	5	0
Loring Knapp's Ophthalmoscope ... ..	3	10	0
Optometer, Graefe's ... ..	0	12	6
Pupillometer, Laurence's ... ..	2	2	0
Perimeter ... ..	3	3	0
Strabismometer ... ..	0	5	6

## Ophthalmic Test Case, containing :—

Concave and Convex Trial Glasses, Assorted Tinted Glasses, Glass Trial Frame ... ..	6	6	0
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## Ophthalmic Test Case (Fig. 236), containing :—

Eighty Concave Spherical Lenses.			
Eighty Convex                    "                   "			
Ten Concave Cylindrical       "                   "			
Ten Convex                       "                   "			
Ten Prismatic Glasses.			
Eight Tinted Glasses.			
Four Opaque Glasses.			
Metal Disc.			
Graduated Trial Frame.			
Portable Ophthalmoscope ... ..	15	15	0



Fig. 236.

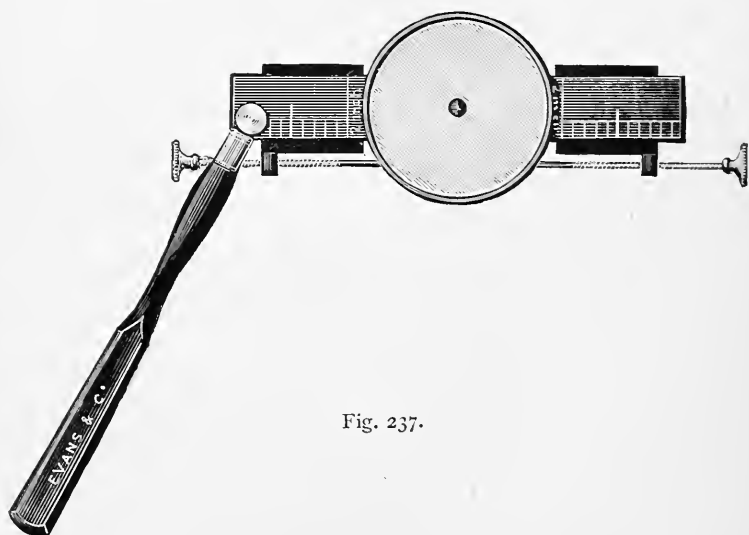


Fig. 237.

Ophthalmoscope, with Adjusting Scale and Magnifiers	£	s.	d.
(Fig. 237) ... ..	4	15	0

		£	s.	d.
Test Types, Snellen's	... per book	0	6	0
Professor Longmore's Test Type Cards, for Testing the Eyesight of Recruits, as supplied to the Army Medical Department	... per doz.	0	6	0



Fig. 238.

Beer's Cataract Knife, in Ivory Handle (Fig. 238)	...	0	5	0
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Fig. 239.

Sichel's Cataract Knife, Ivory Handle (Fig. 239)...	...	0	5	0
Bader's ,, ,, right or left, in Ivory Handle	...	0	5	6



Fig. 240.

Dixon's Cataract Knife, in Ivory Handle (Fig. 240)	...	0	5	0
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Fig. 241.

White Cooper's Cataract Knife, in Ivory Handle (Fig. 241)	...	0	4	6
Teulon's Guarded Canaliculus Knife, in Ivory Handle	...	0	18	0
Bowman's ,, ,, ,, ,, ,,	...	1	1	0



Fig. 242.

Weber's Canaliculus Knife, in Ivory Handle (Fig. 242)	...	0	6	6
Bowman's Canaliculus Knife, in Ivory Handle	...	0	4	6
Liebreich's ,, ,, ,, ,,	...	0	5	6
Stillings' ,, ,, ,, ,,	...	0	5	6
Walton's ,, ,, ,, ,,	...	0	4	6



Fig. 243.

Graefe's Cataract Knife, various sizes, in Ivory Handles

(Fig. 243) ... ..

£ s. d.

0 6 0

Graefe's Double Cataract Knives, in Ivory Case, with Screw

Ends ... ..

0 9 0



Fig. 244.

Walton's Scalpel for Lachrymal Duct, in Ivory Handle

(Fig. 244) ... ..

0 4 0



Fig. 245.

Macnamara's Iridectomy Knife, in Ivory Handle (Fig. 245)

0 6 0

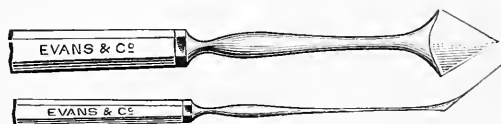


Fig. 246.

Jaeger's Curved Angular Iridectomy Knife, in Ivory

Handle (Fig. 246) ... ..

0 6 0

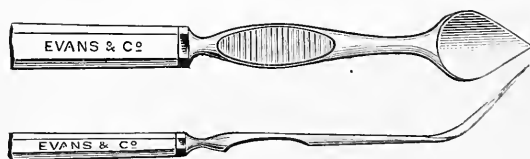


Fig. 247.

Jaeger's Hollow Iridectomy Knife, in Ivory Handle

(Fig. 247) ... ..

0 6 6

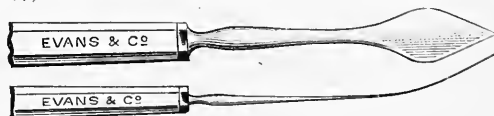


Fig. 248.

Jaeger's Curved Iridectomy Knife, in Ivory Handle

(Fig. 248) ... ..

0 6 0



Fig. 249.

Improved Iridectomy Knife, in Ivory Handle (Fig. 249)	£	s.	d.
	0	6	0



Fig. 250.

Jaeger's Straight Iridectomy Knife, large (Fig. 250)	...	0	5	6
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Fig. 251.

Jaeger's Straight Iridectomy Knife, small (Fig. 251)	...	0	5	6
--	-----	---	---	---

Bader's improved Iridectomy Knife, Curved or Straight, in Ivory Handle	...	...	...	...	...	0	5	6
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Fig. 252.

Artificial Pupil Knife (Fig. 252)	...	...	...	...	0	4	6
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Fig. 253.

Secondary Knife, Straight (Fig. 253)	...	...	...	0	4	6
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„ „ Convex or Concave	...	...	...	0	4	6
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Fig. 254.

Bowman's Puncture Knife, in Ivory Handle (Fig. 254)	...	0	4	6
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Greenslade's „ „ with Probe in Case	...	...	0	15	0
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Fig. 255.

Taylor's Round-pointed Angular Knife, right, in Ivory Handle (Fig. 255)	...	...	...	...	0	5	0
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Fig. 256.

						£	s.	d.
Taylor's Round-pointed Angular Knife, left, in Ivory								
Handle (Fig. 256)	...	...	...	...	...	0	5	0



Fig. 257.

Broad Needle, in Ivory Handle (Fig. 257)	...	...	0	4	6
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Fig. 258.

Medium Needle, in Ivory Handle (Fig. 258)	...	...	0	4	6
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Fig. 259.

Saunders' Needle, in Ivory Handle (Fig. 259)	...	...	0	4	0
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Fig. 260.

Beer's Needle, in Ivory Handle (Fig. 260)	...	...	0	4	6
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Fig. 261.

Beer's Small Needle, in Ivory Handle (Fig. 261)	...	...	0	4	6
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Fig. 262.

Bowman's Stop Needle, in Ivory Handle (Fig. 262)	...	...	0	4	6
Dalrymple's Cataract Needle, in Ivory Handle	...	...	0	4	0
Jacob's	...	...	0	4	0
Wordsworth's Caustery	...	...	0	5	6

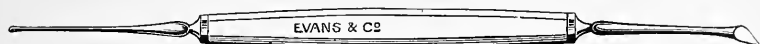


Fig. 263.

					£	s.	d.
Paracentesis Needle, with Liebreich's Silver Probe, in Ivory Handle (Fig. 263)	...	...	...	...	0	7	6



Fig. 264.

Scarpa's Needle for Reclination, in Ivory Handle (Fig. 264)	...	...	...	...	...	0	4	6
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Fig. 265.

Silver Eye Spatula, in Ivory Handle (Fig. 265)	...	...	...	...	...	0	4	6
Bowman's Double-bladed Platinum Spatula, in Ivory Handle	...	...	...	...	...	0	10	6



Fig. 266.

Walton's Gouge for removing Foreign Bodies from the Eye, in Ivory Handle (Fig. 266)	...	...	...	...	...	0	4	6
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Fig. 267.

Steel Spatula, in Ivory Handle (Fig. 267)	...	...	...	...	...	0	4	0
Entropium Spatula, Vulcanite or Horn, in Ivory Handle	...	...	...	...	...	0	2	6
" " Tortoiseshell	...	...	...	...	...	0	7	6
Streatfield's Spatula Hook, for Corelysis	...	...	...	...	...	0	5	6



Fig. 268.

Graefe's Cystotome, right (Fig. 268)	...	...	...	...	...	0	4	6
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Fig. 269.

Graefe's Cystotome, left (Fig. 269)	...	...	...	...	...	0	4	6
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Fig. 276.

			£	s.	d.
Hook for steadying Eyeball in Strabismus, Straight (Fig. 276)	...	...	0	5	0
" " " " Angular	...	...	0	5	6



Fig. 277.

Taylor's Vectis for the extraction of Soft Lens (Fig. 277)	...	...	0	7	6
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Fig. 278.

Vulcanite Curette (Fig. 278)	...	...	...	0	5	0
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Fig. 279.

Cautery for Lachrymal Fistula (Fig. 279)	...	...	...	0	4	6
" " " Galvanic	...	...	...	3	3	0



Fig. 280.

Critchett's Double Spoon (Fig. 280)	...	...	...	0	10	6	
Bowman's	"	"	...	...	0	10	6
Macnamara's	"	"	...	...	0	10	6
Schuff's	"	"	...	...	0	10	6



Fig. 281.

Cystotome and Curette (Fig. 281)	...	...	...	0	7	6
Graefe's Cystotome and Curette	...	...	...	0	7	6



Fig. 282.

						£	s.	d.
Double Platinum Iris Hook (Fig. 282)	...	...	...	...	...	0	9	6
Single	"	"	"	...	...	0	5	0

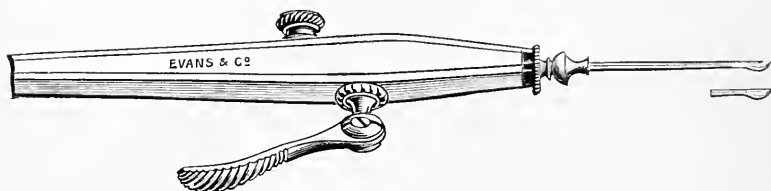


Fig. 283.

Lisieux's Lever Canular Forceps (Fig. 283)	...	...	1	15	0
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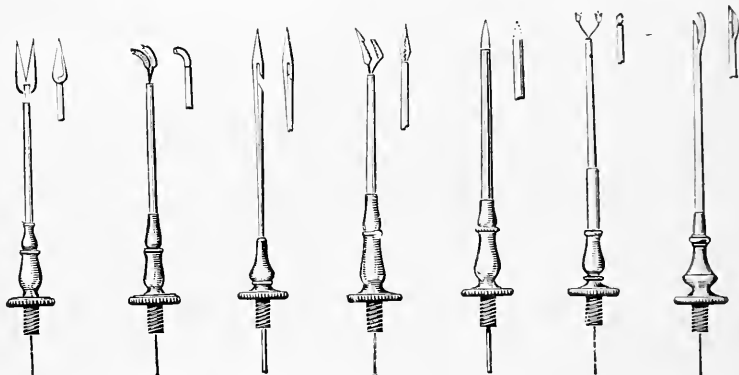


Fig. 284. Fig. 285. Fig. 286. Fig. 287. Fig. 288. Fig. 289. Fig. 290.

Wilde's Iris Canula Scissors (Fig. 284)	...	...	...	1	15	0
Cooper's Capsular Forceps, with Curved Blades (Fig. 285)	...	...	...	1	15	0
Capsular Needle (Fig. 286)	...	...	...	1	15	0
Capsular Forceps, with Needle Point (Fig. 287)	...	...	...	1	15	0
Bowman's Canula Lancet (Fig. 288)	...	...	...	1	15	0
Desmarre's Canula Forceps (Fig. 289)	...	...	...	1	15	0
Walton's Guarded Curette (Fig. 290)	...	...	...	1	15	0



Fig. 291.

Cilia Forceps	...	...	...	...	...	0	4	0
" " Bader's (Fig. 291)	...	...	...	...	...	0	3	6



Fig. 292.

Cilia Forceps (Fig. 292) ... .. £ s. d.  
 ... .. 0 4 0

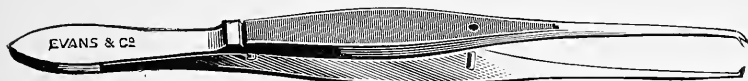


Fig. 293.

Straight Iris Forceps, with Tenaculum Points (Fig. 293) 0 5 6



Fig. 294.

Iris Forceps (Fig. 294) ... .. 0 4 6

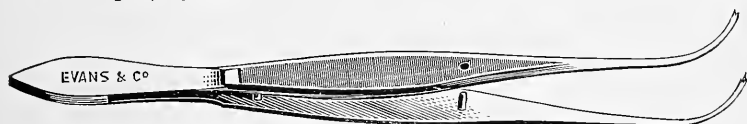


Fig. 295.

Curved Iris Forceps, with Tenaculum Points (Fig. 295)... 0 5 6



Fig. 296.

Fixation Forceps, with Single or Double Teeth (Fig. 296) 0 5 6



Fig. 297.

Curved Iris Forceps (Fig. 297) ... .. 0 5 6



Fig. 298.

Liebreich's Improved Iris Forceps (Fig. 298) 15s. and 1 5 0

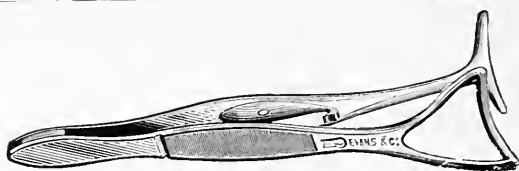


Fig. 299.

Entropium Forceps (Fig. 299)	...	...	...	...	£	s.	d.
					0	8	0

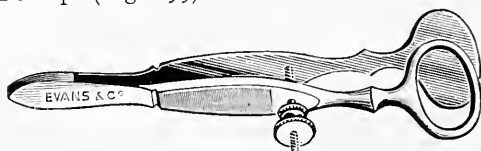


Fig. 300.

Wilde's Tumour Forceps (Fig. 300)	...	...	...	...	0	7	6
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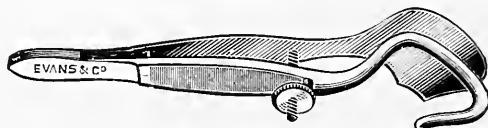


Fig. 301.

Desmarre's Entropium Forceps, modified by Lawrence, right (Fig. 301)	...	...	...	...	...	0	9	0
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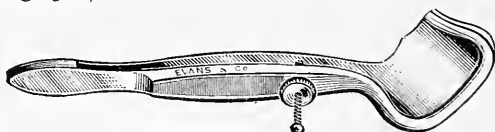


Fig. 302.

Desmarre's Entropium Forceps, modified by Lawrence, left (Fig. 302)	...	...	...	...	...	0	9	0
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Fig. 303.

Eye Needle Holder (Fig. 303)	...	...	...	...	...	0	6	6
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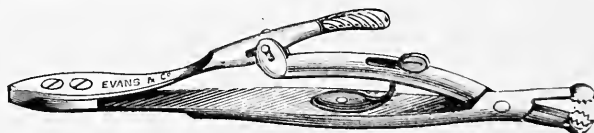


Fig. 304.

American Needle-holding Forceps (Fig. 304)	...	...	...	...	1	1	0
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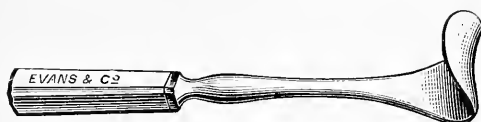


Fig. 305.

						£	s.	d.
Desmarre's Eyelid Retractor, three sizes (Fig. 305)	each	...	...	...	...	0	5	0
" " " Double	...	...	...	...	...	0	8	6

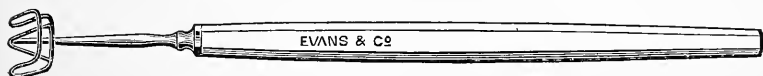


Fig. 306.

Noyes' Improved Eyelid Retractor (Fig. 306)	...	...	...	...	...	0	12	6
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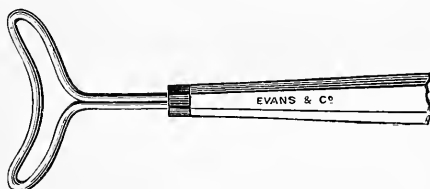


Fig. 307.

Eyelid Retractor (Fig. 307)	...	...	...	...	...	0	5	0
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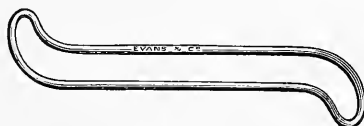


Fig. 308.

Saunders' Wire Eyelid Retractor (Fig. 308)	...	...	...	...	...	0	5	0
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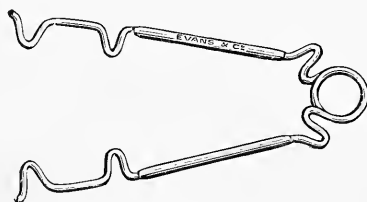


Fig. 309.

Bowman's Eyelid Retractor (Fig. 309)	...	...	...	...	...	0	4	6
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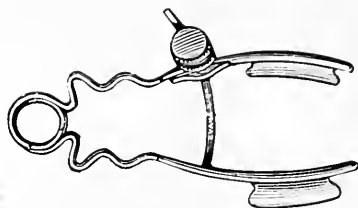


Fig. 310.

Lawrence's Eye Speculum, with Stop Screw (Fig. 310) ...	£	s.	d.
	0	7	6

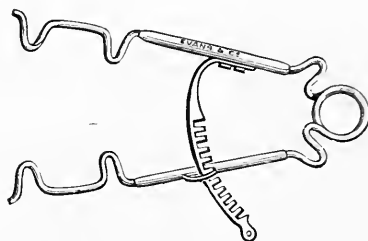


Fig. 311.

Critchett's Eye Speculum, with Rack (Fig. 311) ...	...	0	6	0
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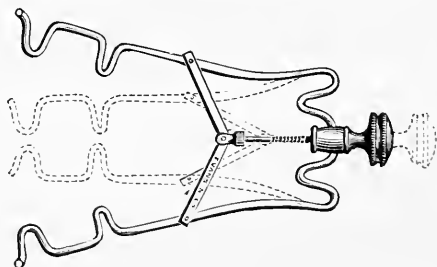


Fig. 312.

Bowman's Improved Eye Speculum (Fig. 312) ...	...	0	7	0
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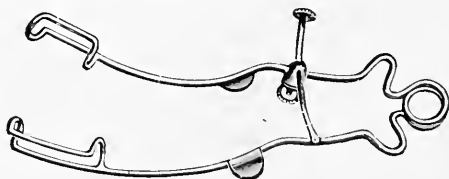


Fig. 313.

Graefe's Spring Eye Speculum (Fig. 313)...	...	...	0	6	0
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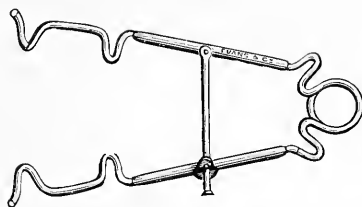


Fig. 314.

						£	s.	d.
Critchett's Spring Eye Speculum, with Stop Screw	...	...	...	...	...	0	7	6
(Fig. 314)	...	...	...	...	...			

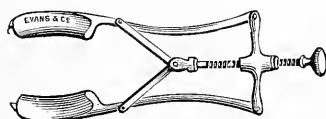


Fig. 315.

Eye Speculum, with Regulating Screw (Fig. 315)	...	0	7	0
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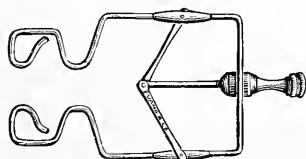


Fig. 316.

Improved Eye Speculum, with Adjusting Screw (Fig. 316)	...	0	7	0
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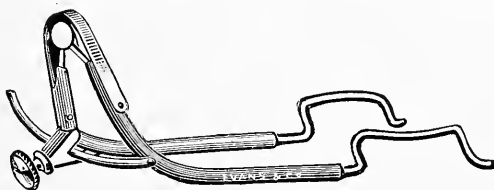


Fig. 317.

Weiss' Eye Speculum (Fig. 317)	...	...	...	...	0	8	6
Noyes' „ „	...	...	...	...	0	12	6

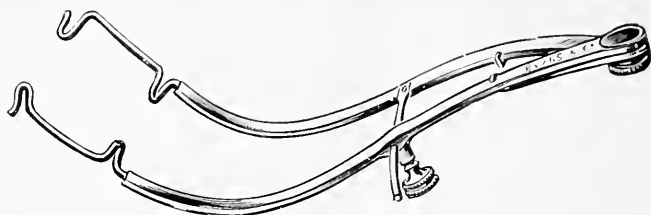


Fig. 318.

Macnamara's Eye Speculum (Fig. 318)	...	...	...	£	s.	d.
				0	10	6

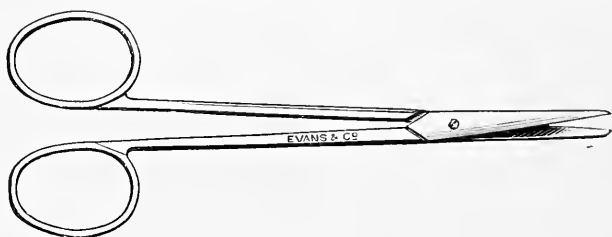


Fig. 319.

Straight Strabismus Scissors (Fig. 319) ... .. 4 6

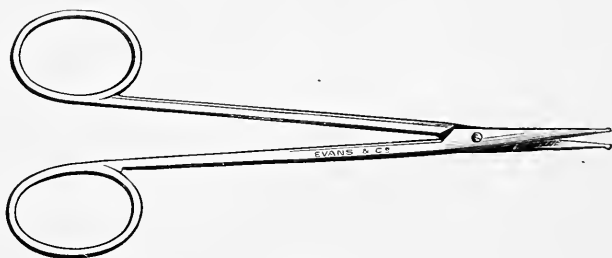


Fig. 320.

Bowman's Strabismus Scissors (Fig. 320)... ... 0 4 6

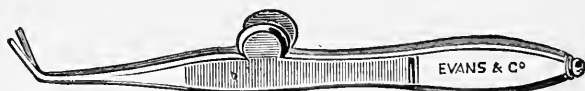


Fig. 321.

De Wecker's Improved Spring Iris Scissors (Fig. 321) ... I I O



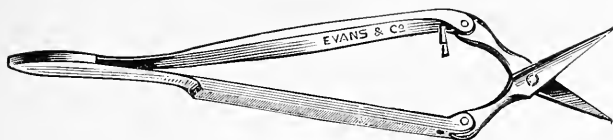


Fig. 322.

Improved Spring-jointed Iris Scissors (Fig. 322) ...	...	$\mathcal{L}$	s.	d.
		0	12	0

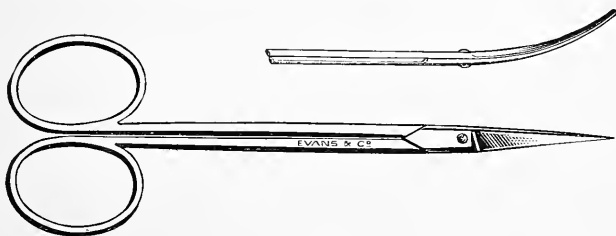


Fig. 323.

Curved Iris Scissors (Fig. 323) ... .. 7 6

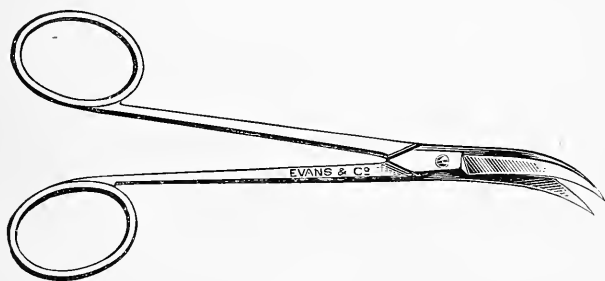


Fig. 324.

Sickle-shaped Iris Scissors (Fig. 324) ... .. 7 6

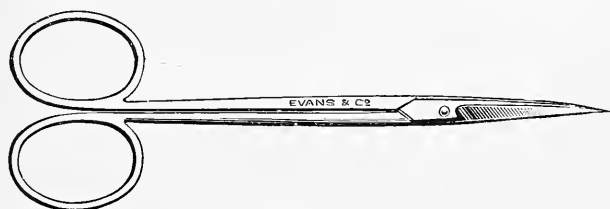


Fig. 325.

Straight Iris Scissors (Fig. 325)	...	...	...	...	o	4	6
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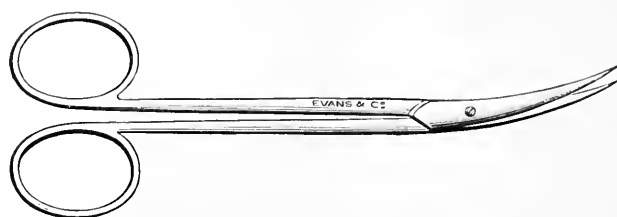


Fig. 326.

					£	s.	d.
Curved Iris Scissors (Fig. 326)	...	...	...	...	0	7	6

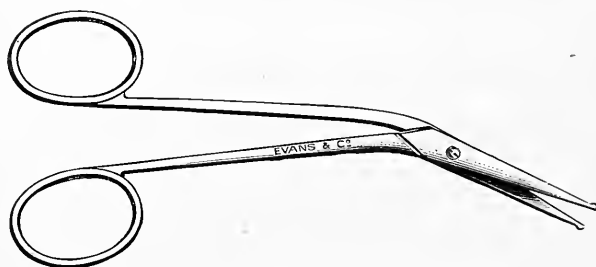


Fig. 327.

Maunoir's Probe-pointed Scissors (Fig. 327)	...	...	0	6	6
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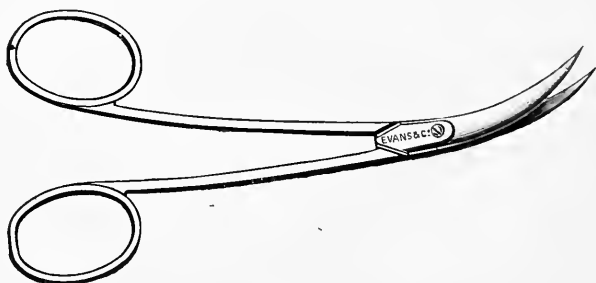


Fig. 328.

Sharp-pointed Curved Scissors, right (Fig. 328)	...	...	0	7	6
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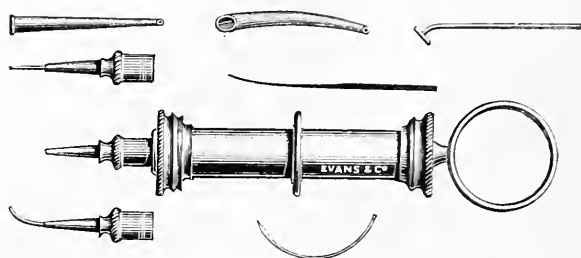


Fig. 332.

							£	s.	d.
Anel's Eye Syringe, with Styles and Needles. Silver	(Fig. 332)	...	...	...	...	...	2	2	0
Anel's Eye Syringe, with Styles and Needles. Silver-plated	(Fig. 332)	...	...	...	...	...	1	5	0
Walton's Eye Syringe		...	...	...	...	...	1	15	0

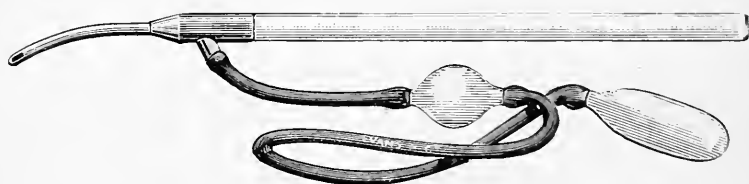


Fig. 333.

Suction Curette, with Glass Mouthpiece and Tube									
(Fig. 333)	...	...	...	...	...	...	0	9	6
Teale's Suction Curette	...	...	...	...	...	...	0	8	6
Bowman's „	„	...	...	...	...	...	1	5	0



Fig. 334.

Improved Eye Douche, with Elastic Bottle and Tubes, in					£	s.	d.
Mahogany Case (Fig. 334)	...	...	...	...	0	16	0
Bowman's Eye Douche, in Leather Case	...	...	...	...	0	6	6

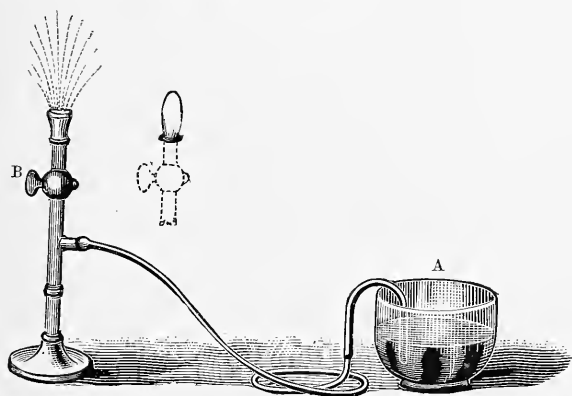


Fig. 335.

Syphon Eye Fountain, with Nasal and Ear Douche (Fig. 335)	...	...	...	...	...	...	0	7	6
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The Reservoir, A, requires to be elevated higher than the top of the Stand Tube, B, during use.

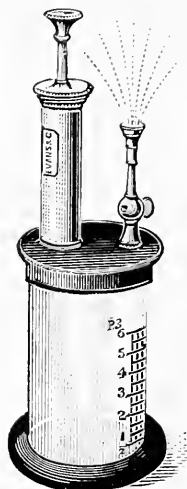


Fig. 337.

Eye Fountain, with Brass Force Pump (Fig. 337)

	£	s.	d.
...	1	15	0



Fig. 338.

Improved Eye Bath (Fig. 338)

Chalk's Drop Bottle

...	...	...	...	0	2	0
...	...	...	...	0	2	0



Fig. 339.

Eye Shade, covered and lined with best silk (Fig. 339) 1s. and

Spring Eye Shade (Fig. 340)



Fig. 340.

...	...	...	...	0	1	6
...	...	...	...	0	2	6

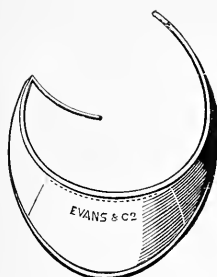


Fig. 341.



Fig. 342.

	£	s.	d.
Spring Eye Shade (Fig. 341) ... ..	0	2	6
Calken's Transparent Eye Shade (Fig. 342) ... ..	0	5	0
Electric Magnet, for extracting particles from the Eye, with Bichromate Cell ... ..	1	15	0
Evans & Wormull's Double-ended Electric Magnet ... ..	3	3	0
Greenslade's Eye Compress ... ..	0	15	0
Artificial Leech ... ..	1	10	0
Artificial Eyes, from stock ... ..	1	1	0
" " to order ... ..	1	10	0
Eye "Phantome," for practising Eye Operations... ..	2	2	0
" " for demonstrating the Diseases of the Eye ... ..	3	3	0
Trial Drum, for testing the points of instruments... ..	0	3	6
Suture Needles, for the Eye, Curved. In packets of twelve	0	3	0
" " " " Half-curved " "	0	3	0
Suture Silk, made especially for Evans & Wormull, war- ranted not to kink or twist ... .. per skein	0	0	6
Suture Silk, made especially for Evans & Wormull, war- ranted not to kink or twist, very fine, black or white	0	0	6
Carbolized Catgut, fine ... .. per bottle	0	1	6

# CLEFT PALATE, MOUTH AND HARELIP INSTRUMENTS.

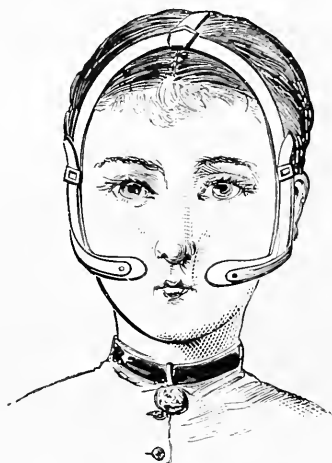


Fig. 343.

				£	s.	d.
Dewar's Harelip Apparatus (Fig. 343)	...	...	...	1	1	0
Hainsby's Harelip Compress	...	...	...	0	15	0

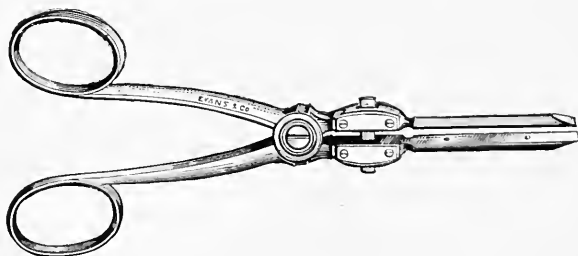


Fig. 344.

Harelip Forceps, with Parallel Action (Fig. 344)...	...	1	15	0
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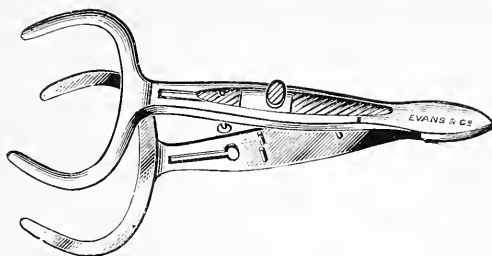


Fig. 345.

					£	s.	d.
Smith's Harelip Forceps (Fig. 345)	...	...	...	...	0	17	6
" " " Curved right or left	...	...	each	...	0	10	0
Durham's " " " " "	...	...	"	...	0	10	0
Harelip Pin-cutting Forceps	...	...	...	...	0	8	6

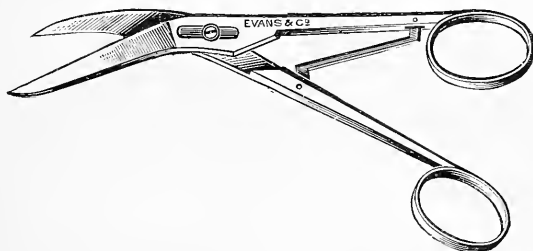


Fig. 346.

Harelip Scissors, with Sliding Joint (Fig. 346)	...	...	...	...	0	15	0
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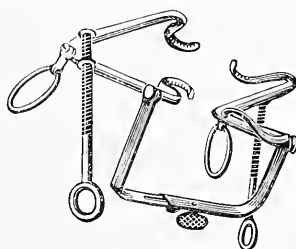


Fig. 347.

Screw Mouth Gag, with Movable Adjusting Plates, in Case (Fig. 347)	...	...	...	...	...	2	2	0
Smith's Improved Double Mouth Gag, in Case	...	...	...	...	...	2	2	0
Pick's " " " " "	...	...	...	...	...	2	2	0
Dent's " " " " "	...	...	...	...	...	2	2	0
Wood's " " " " "	...	...	...	...	...	2	2	0



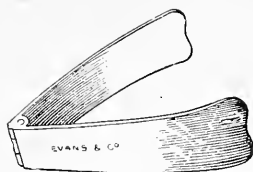


Fig. 351.

		£	s.	d.
Jointed Tongue Depressor, Plated (Fig. 351) ...	...	0	7	6
Hollis' „ „ with Fenestrated Plates ...	...	0	12	6
Turck's „ „ with Shifting Blades ...	...	0	12	6
Ward Cousins' Tongue Depressor ...	...	0	7	6
Bartolome's Improved Tongue-holding Forceps ...	...	1	5	0

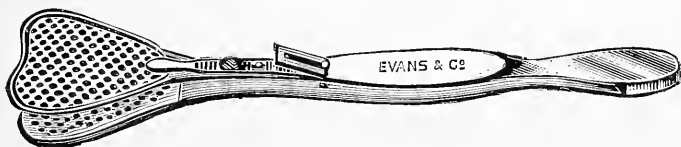


Fig. 352.

Dobell's Tongue-holding Forceps (Fig. 352) ...	...	1	1	0
Improved „ „ „ Self-holding, with Rack ...	...	0	15	0

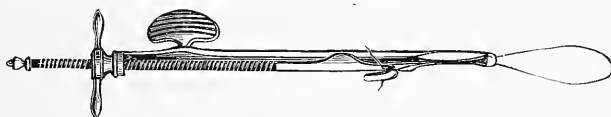


Fig. 353.

Ecraseur for removing the Tongue (Fig. 353) ...	...	1	15	0
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Fig. 354.

Ecraseur for removing the Tongue, Straight (Fig. 354) ...	...	1	15	0
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Fig. 355.

Ecraseur for removing the Tongue, Curved (Fig. 355) ...	...	2	2	0
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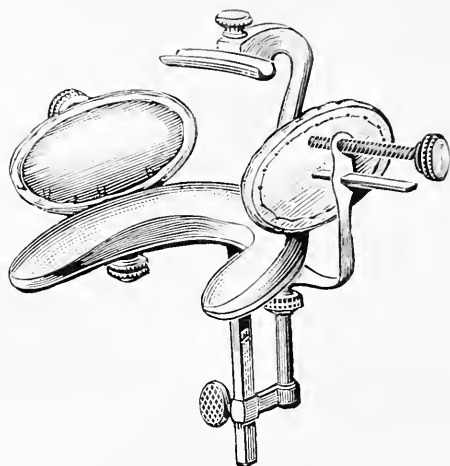


Fig. 356.

	£	s.	d.
Lonsdale's Apparatus for fractured Jaw, in Case (Fig. 356)	2	7	6
Thomas's Set of Instruments for uniting Fractured Jaw, complete in Case. Comprising—Bow, Drill, Broach, Wire Guide, Wire Coiler, and Ring of Stout Silver Wire	2	5	0



Fig. 357.

Fractured Jaw Saw (Fig. 357)	...	...	...	...	0	5	0
Annandale's Improved Saw	...	...	...	...	0	15	0



Fig. 358.

Wood's Crank Saw, with Movable Back (Fig. 358)	...	0	10	6
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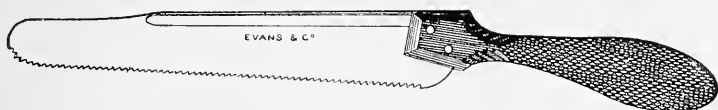


Fig. 359.

Langenbeck's Saw (Fig. 359)	...	...	6s. 6d. to	£	s.	d.
				0	8	6



Fig. 360.

Cleft Palate Forceps, with serrated points (Fig. 360)	...	0	8	0
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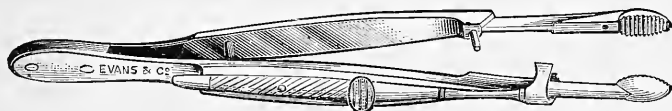


Fig. 361.

Wire Twisting Forceps (Fig. 361)	...	...	...	...	0	10	6
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Fig. 362.

Cleft Palate Forceps, with Tenaculum points (Fig. 362)	...	0	8	0
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Fig. 363.



Fig. 364.



Fig. 365.



Fig. 366.

Fergusson's Knives for Staphyloraphy Operations (Figs. 363 to 366)	...	...	...	...	...	each	0	4	6
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Fig. 367.

	£	s.	d.
Pollock's Curved Staphyloraphy Knife (Fig. 367) ...	0	7	6
" Improved " " with Screw to adjust the Blade at any angle ...	1	7	6



Fig. 368.

Cleft Palate Knife (Fig. 368) ...	0	7	6
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Fig. 369.



Fig. 370.

Cleft Palate Knives, right and left (Figs. 369 and 370) ...	0	7	6
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Fig. 371.



Fig. 372.

Fergusson's Angular and Curved Palate Knives, various sizes (Figs. 371 and 372) ...	0	7	6
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Fig. 373.

Circular-shaped Lancet, for Cleft Palate (Fig. 373)	...	£	s.	d.
		0	7	6



Fig. 374.

Fergusson's Small Staphyloraphy Knife (Fig. 374)	...	0	7	6
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Fig. 375.

Fergusson's Large Staphyloraphy Knife (Fig. 375)	...	0	7	6
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Fig. 376.



Fig. 377.



Fig. 378.

Fergusson's Curved Knives, for Cleft Palate (Figs. 376, 377 and 378)	...	...	...	...	...	...	0	7	6
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Fig. 379.

Double-edged Knife, for Cleft Palate (Fig. 379)	...	...	0	7	6
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Fig. 380.

Double-curved Knife, for Cleft Palate (Fig. 380) ...  $\begin{matrix} \text{£} & \text{s.} & \text{d.} \\ & 0 & 7 & 6 \end{matrix}$



Fig. 381.

Large-size Semicircular Knife, for Cleft Palate (Fig. 381) 0 7 6



Fig. 382.

Curved Knife, for Cleft Palate (Fig. 382)... ... 0 7 6



Fig. 383.



Fig. 384.

Tubular Wire Needle, right or left (Figs. 383, 384) ... 0 8 6





Fig. 385.

						£	s.	d.
Ashton's Tubular Needle (Fig. 385)	...	...	...	...	...	0	15	0

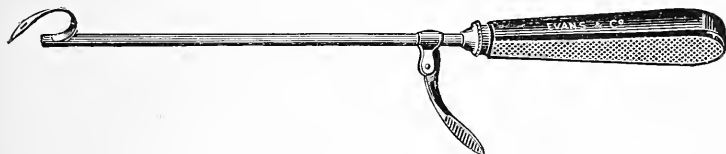


Fig. 386.

Fergusson's Sharp or Blunt-pointed Lever Needle, for introducing Sutures through the holes drilled in the Palate Bones, and adjusting the edges of the parts in Staphyloraphy (Fig. 386) ... each 1 12 0



Fig. 387.

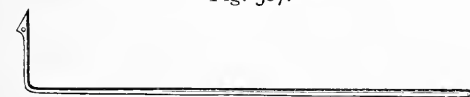


Fig. 388.

Smith's Staphyloraphy Needles, Angular (Figs. 387 and 388) ... each 0 4 6



Figs. 389, 390.



Figs. 391, 392.

Smith's Staphyloraphy Needles, curved right or left (Figs. 389 to 392) ... each 0 5 6

	£	s.	d.
Smith's Set of Six Tubular Cleft Palate Needles, various sizes and curves, fitting one handle, with Reel of Suture Wire, in Case, complete ... ..	2	15	0
Davy's Tubular Needle, with Reel, complete ... ..	2	10	0



Fig. 393.

Spanton's Improved Suture Needle. The screw-needle is useful for any Case in which a continuous suture is required, and may be used either by passing the needle first, then threading and withdrawing it; or it can be passed with the thread, which is held while the needle is withdrawn. It is adapted more especially for operations on those parts where space is limited, such as Fistula, Cleft Palate, &c. (Fig. 393)      0 10 6



Fig. 394.

Smith's Improved Wire-twister (Fig. 394) ... ..	0	5	0
„ „ Suture-catcher ... ..	0	5	0



Fig. 395.

Langenbeck's Single Cleft Palate Hook (Fig. 395) ... ..	0	5	0
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Fig. 396.

Smith's Double Hook (Fig. 396) ... ..	0	7	6
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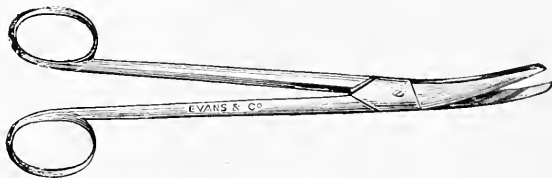


Fig. 397.

Smith's Cleft Palate Scissors, Curved (Fig. 397) ... ..	0	9	0
„ „ „ „ Angular ... ..	0	9	0
Fergusson's Cleft Palate Chisel ... ..	0	6	6
„ „ „ Drill ... ..	0	5	0
Smith's „ „ Raspatories, various ... each	0	6	6

# LARYNGEAL, TONSIL AND UVULA INSTRUMENTS.

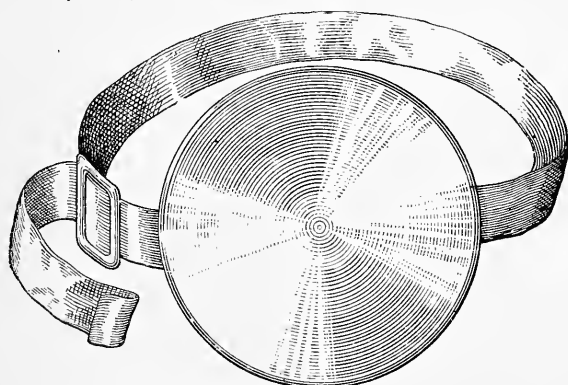


Fig. 398.

	£	s.	d.
Smyly's Improved Recipro-Laryngoscope, with Three Mirrors, in Morocco Case ... ..	2	2	0
Laryngoscope Reflector and Band for forehead, with Three Mirrors and Magnifying Lens, in Morocco Case (Fig. 398) ... ..	1	15	0

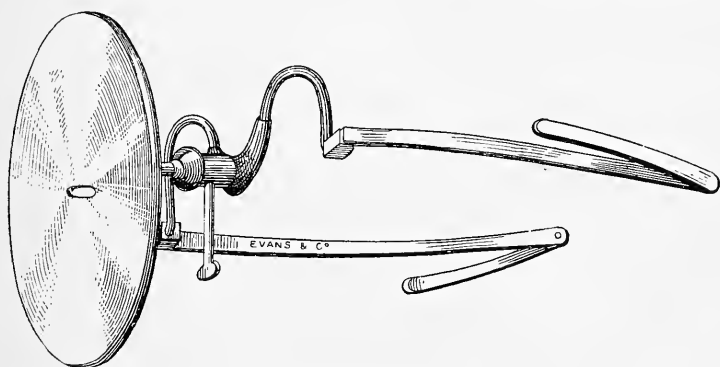


Fig. 399.

Mackenzie's Spectacle Frame Laryngoscope, with Reflector, Three Laryngeal Mirrors, Two Brushes and Probe, in Case (Fig. 399) ... ..	1	17	6
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£ s. d.

Turk's Laryngoscope, with Ball-and-socket Movement and shifting handle—so that it may be used as an Ophthalmoscopic Mirror—Elastic Head Band, Three Laryngeal Mirrors and adjustable handle. Uvula Hook, Tongue Depressor, Liebreich's Ophthalmoscope with Five Lenses, and Two Magnifying Glasses.

In Case, complete ... .. 3 3 0

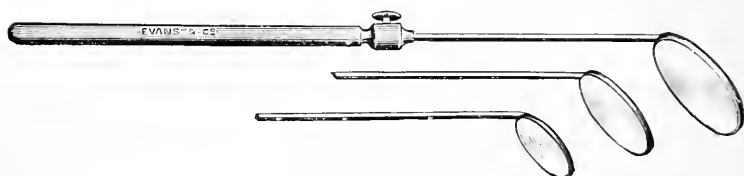


Fig. 400.

Throat Mirrors, three sizes, in adjustable handle (Fig. 400)

the set 0 12 6

Throat Mirrors, in plain handles ... .. each 0 4 6

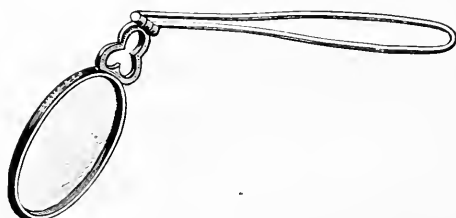


Fig. 401.

Portable Mouth Mirror (Fig. 401) ... .. 0 5 6

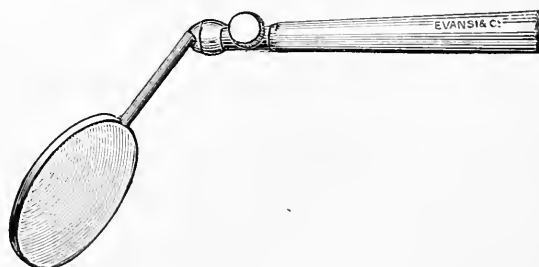


Fig. 402.

Improved Mouth Mirror, with Ball-and-socket Joint (Fig. 402) ... ..

0 7 6

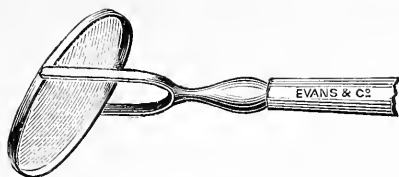


Fig. 403.

Adjustable Mouth Mirror, with Swing Joint (Fig. 403) ... £ s. d.  
 0 6 0

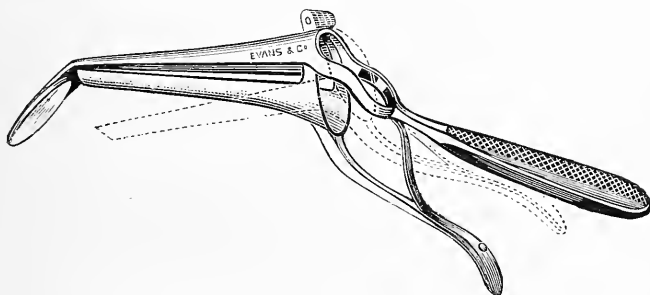


Fig. 404.

Labordette's Throat Speculum, with Reflector, in Case  
 (Fig. 404) ... 2 5 0

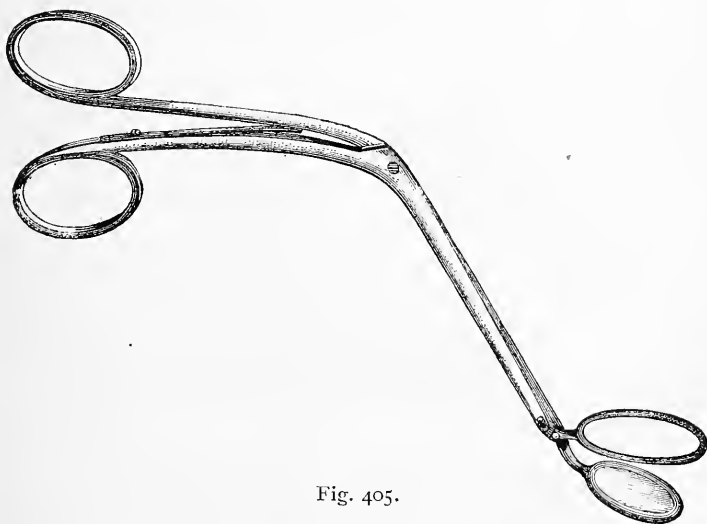


Fig. 405.

Duplay's Rhinoscope, or Post Nasal Mirror (Fig. 405) ... 1 0 0

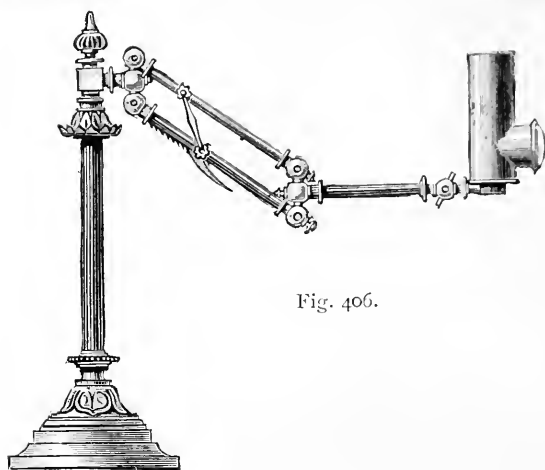


Fig. 406.

Mackenzie's Standard Gas Lamp, with Rack Movement,  
Argand Burner, Metal Shade, and Light Concentrator (Fig. 406)

£ s. d.

... 4 4 0

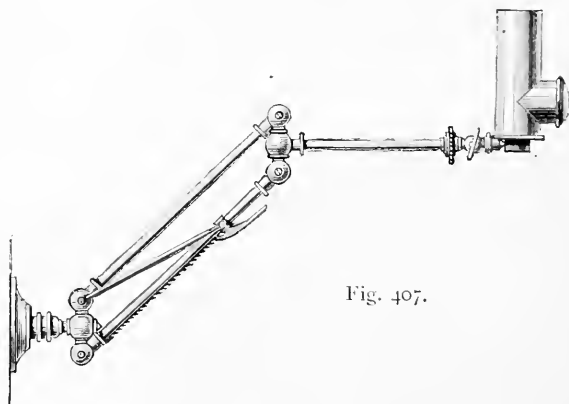


Fig. 407.

Bracket Gas Lamp, to fix on wall, with Rack Movement,  
Metal Shade, and Lens (Fig. 407)  
Bracket for Wall, with Rack Movement and arrangement  
for Oil Lamp, complete

... 3 0 0

... 2 2 0

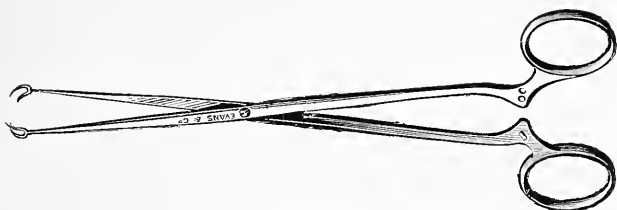


Fig. 408.

Straight Vulsellum Forceps (Fig. 408)	...	...	...	£	s.	d.
				0	10	6

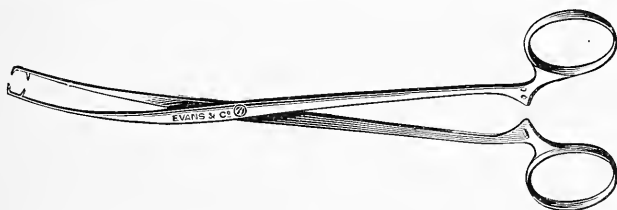


Fig. 409.

Curved Vulsellum Forceps, with Lateral Points, left (Fig. 409)	...	...	...	...	...	...	0	10	6
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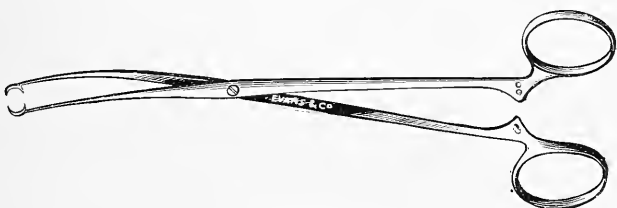


Fig. 410.

Curved Vulsellum Forceps, with Lateral Points, right (Fig. 410)	...	...	...	...	...	...	0	10	6
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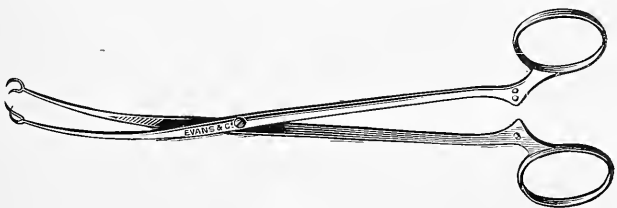


Fig. 411.

Curved Vulsellum Forceps (Fig. 411)	...	...	...	0	10	6
				K	2	



Fig. 412.

Cesophagus Forceps, with Lateral Curve (Fig. 412) ...

£	s.	d.
0	9	6



Fig. 413.

Double-jointed Throat Forceps (Fig. 413) ...

...	0	11	0
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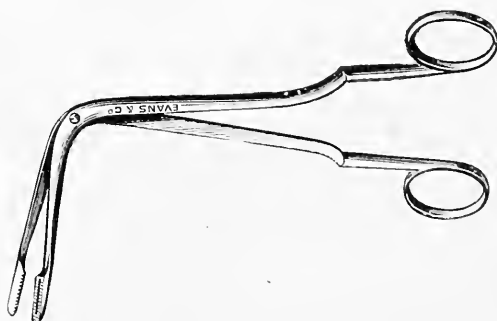


Fig. 414.

Morell Mackenzie's Laryngeal Forceps, opening Antero-posteriorly, with Serrated Blades (Fig. 414) ...

...	0	10	6
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Fig. 419.

				£	s.	d.
Laryngeal Brushes (Fig. 419)	...	1s. 6d., 2s. 6d. and	...	0	3	0

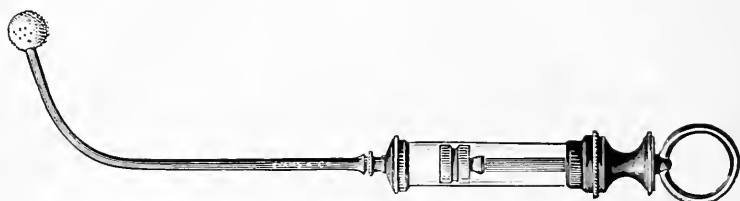


Fig. 420.

Laryngeal Syringe (Fig. 420)	...	...	...	...	0	15	0
Gibb's Laryngeal Syringe	...	...	...	...	0	17	6



Fig. 421.

Laryngeal Syringe, Vulcanite (Fig. 421)	...	...	...	...	0	7	6
Hartewell's Laryngeal Douche	...	...	...	...	0	10	6
„ „ Drop Injector	...	...	...	...	0	10	6

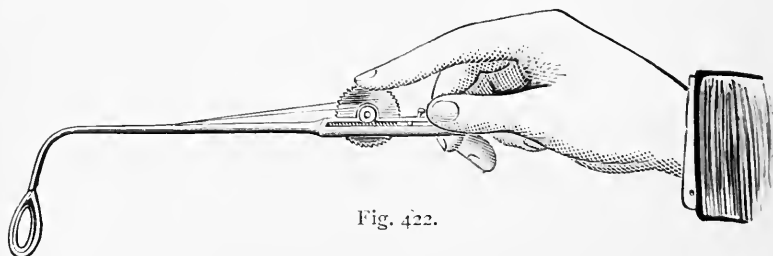


Fig. 422.

Morell Mackenzie's Guarded Wheel Ecraseur (Fig. 422)	1	10	0
Gibb's Laryngeal Ecraseur	1	0	0

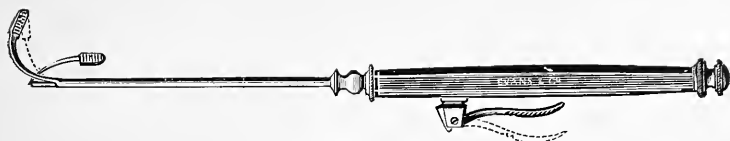


Fig. 423.

				£	s.	d.
Morell Mackenzie's Epiglottic Forceps (Fig. 423)	...	...	...	1	18	0
Schrotter's Laryngeal Forceps	...	...	...	1	10	0

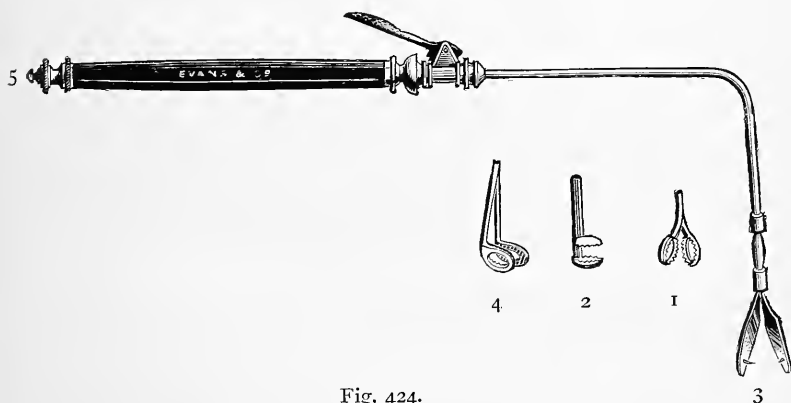


Fig. 424.

1. The Perpendicular Blades.
- 2 and 4. Horizontal Blades.
3. Scissors with Hook.
5. Screw for separating and uniting the various parts of the instrument.

Morell Mackenzie's Laryngeal Tubular Forceps and Scissors, in Case (Fig. 424)	...	...	...	...	3	10	0
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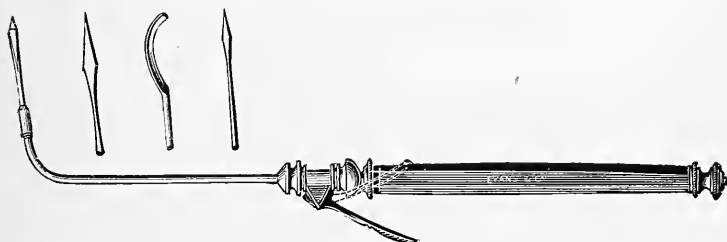


Fig. 425.

Morell Mackenzie's Guarded Laryngeal Lancets, with Set of Four Blades (Fig. 425)	...	...	...	...	2	10	0
Laryngeal Polypotome	...	...	...	...	1	15	0

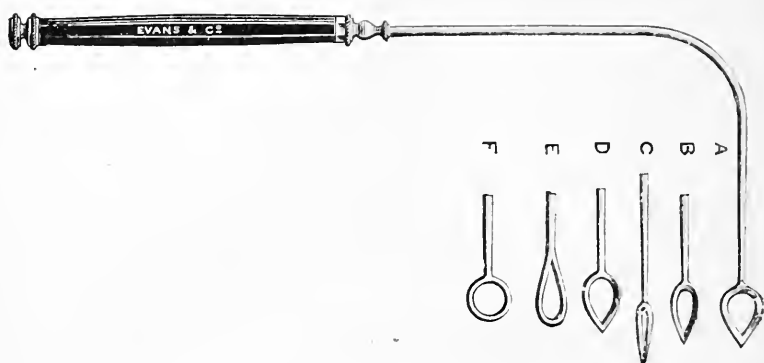


Fig. 426.

A to F, different-shaped Loops, smooth and cutting.

Morell Mackenzie's Rigid Wire Loops, for Laryngeal  
Growths (Fig. 426) ... ..

£ s. d.

1 5 0

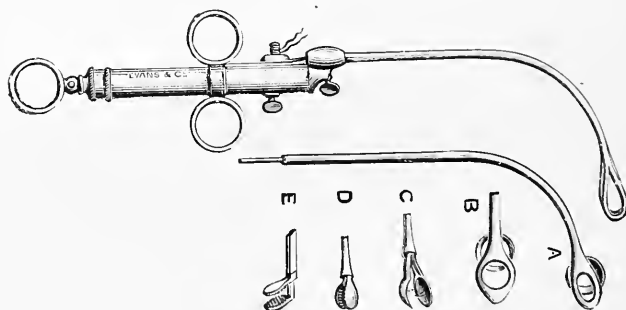


Fig. 427.

Ecraseur.—A B. Guillotines, various sizes.  
C D E. Forceps, Blades of different patterns.

Stoerk's Laryngeal Instruments, for the removal of  
Growths (Fig. 427) ... ..

5 10 0

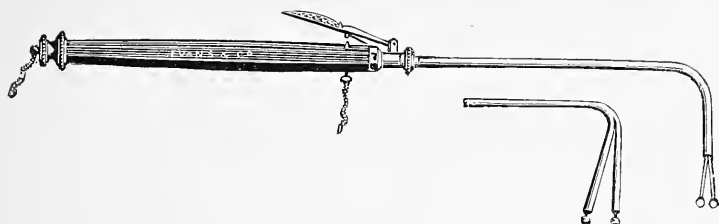


Fig. 428.

Morell Mackenzie's Electrodes, for applying Electricity to the Throat and Larynx (Fig. 428) ... ..

£ s. d.

1 1 0

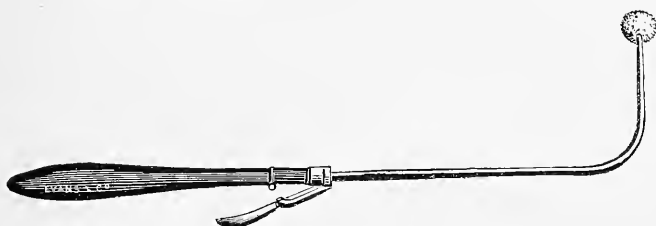


Fig. 429.

Electrode and Necklet (Figs. 429 and 430) ... ..

0 10 6

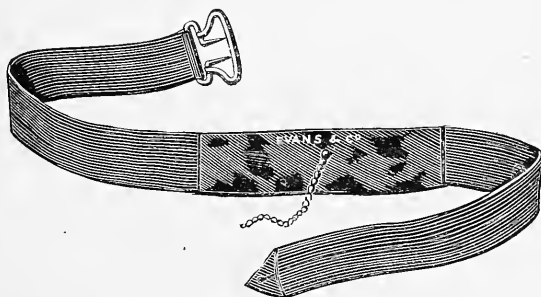


Fig. 430.

Necklet (Fig. 430) ... ..	0	2	6
Morell Mackenzie's Laryngeal Dilator, in Case ... ..	2	2	0
Whistler's Laryngeal Dilator, with Concealed Knife ... ..	1	10	0
"    "    "    "    "    "    "    "    and			
three sized Dilators ... ..	1	15	0
Vermeuil's Œsophageal Dilators, six sizes, Ivory ... ..	1	10	0
Mackenzie's Œsophagus Bougies, Gum Elastic, in sizes, each ... ..	0	4	6

	£	s.	d.
Mackenzie's Croup Brush ... ..	...	0	4
Caustic Holder, for applying Caustic to the Tonsil ...	...	0	4
			6

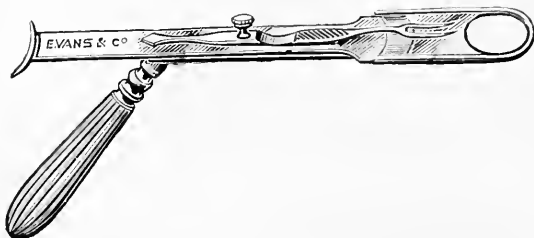


Fig. 431.

Mackenzie's Tonsil Guillotine ... ..	...	1	1	0
„ Improved Tonsil Guillotine, in Case (Fig. 431) ... ..	...	1	10	0
Mackenzie's Tonsil Guillotine, in Case, with Reversible Handle... ..	...	1	10	0

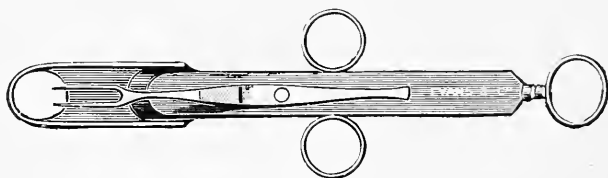


Fig. 432.

Evans and Wormull's Tonsil Guillotine (Fig. 432) ...	...	1	10	0
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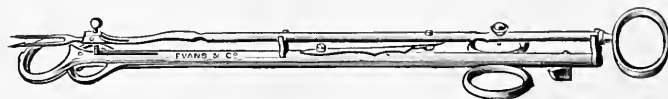


Fig. 433.

Mathieu's Improved Tonsil Guillotine, in Case (Fig. 433) ...	...	1	17	6
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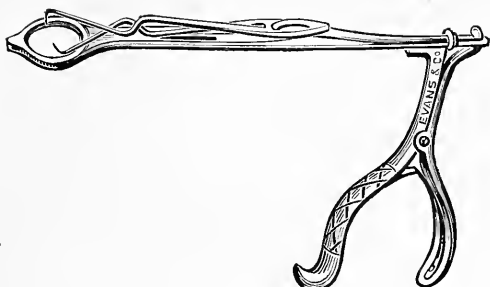


Fig. 434.

					£	s.	d.
Tonsil Guillotine (Fig. 434)	...	...	...	...	2	5	0



Fig. 435.

Concealed Tonsil Lancet (Fig. 435)	...	...	...	...	0	15	0
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Fig. 436.

Mackenzie's Uvulotome (Fig. 436)	...	...	...	...	1	10	0
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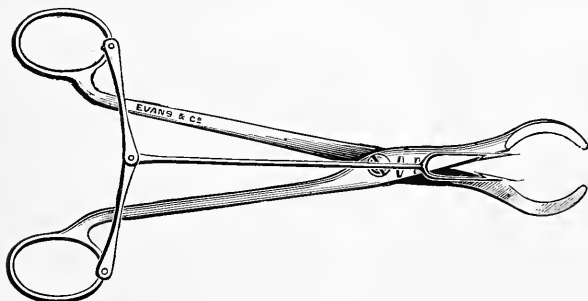


Fig. 437.

Rupprecht's Tonsil Scissors (Fig. 437)	...	...	...	...	2	2	0
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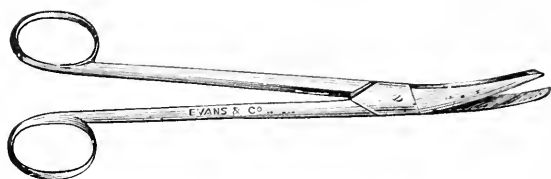


Fig. 438.

						£	s.	d.
Tonsil Scissors (Fig. 438)	...	...	...	...	...	0	9	0
" " Improved, with Hooks	...	...	...	...	...	0	12	6
Lennox Browne's Tonsil Scissors	...	...	...	...	...	0	12	6

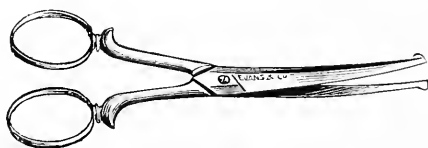


Fig. 439.

Tonsil Scissors (Fig. 439)	...	...	...	...	...	0	6	6
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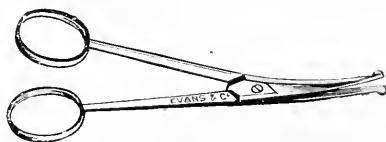


Fig. 440.

Tonsil Scissors (Fig. 440)	...	...	...	...	...	0	6	6
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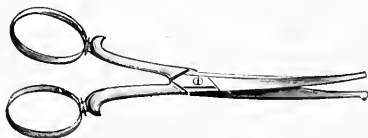


Fig. 441.

Tonsil Scissors (Fig. 441)	...	...	...	...	...	0	6	6
Nunn's Tonsil Scissors	...	...	...	...	...	0	8	0





Fig. 442.



Fig. 443.

	£	s.	d.
Tonsil Bistouries, right and left (Figs. 442 and 443), each	0	5	0
Mackenzie's Pharyngeal Bistoury ... ..	0	6	6
" " Spatula ... ..	0	1	0
" " Caustic Holder ... ..	0	2	6



Fig. 444.

Ball Insufflator, Vulcanite (Fig. 444) ...	3s. 6d. to	0	6	0
Insufflator with Mouthpiece ... ..	...	0	5	6



Fig. 445.

Double-Valve Inhaler, Earthenware (Fig. 445) ...	...	0	6	6
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						£	s.	d.
Nelson's Inhaler	...	...	...	...	...	0	4	0
Martindale's Inhaler, for Medicated Moist Air	...	...	...	...	...	0	6	6
Robson's Inhaler	...	...	...	...	...	0	6	0



Fig. 446.

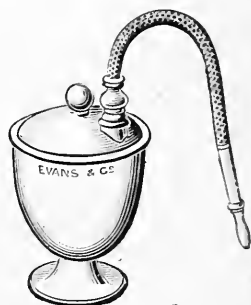


Fig. 447.

Mudge's Improved Metal Inhaler (Fig. 446)	...	...	0	10	6
Evans & Wormull's Inhaler (Fig. 447)	...	...	0	6	0



Fig. 448.

Evans & Wormull's Atomizer (Fig. 448)	...	...	1	1	0
Siegel's Improved	...	...	0	10	6
Codman & Schutliff's Inhaler	...	...	1	1	0

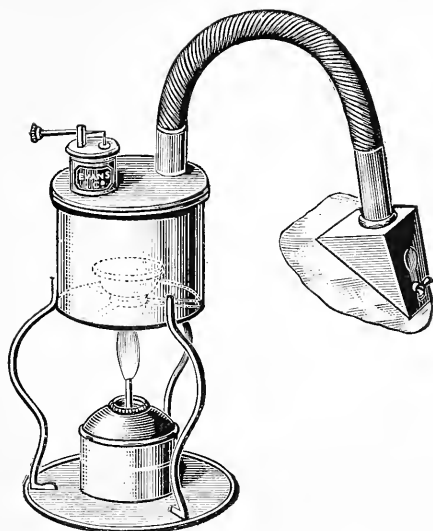


Fig. 449.

						£	s.	d.
Medicated Vapour Inhaler (Fig. 449)	...	...	...	...	...	1	12	0
Lee's Steam Draught „ ...	...	...	...	...	...	0	6	0

## RESPIRATORS AND INHALERS.

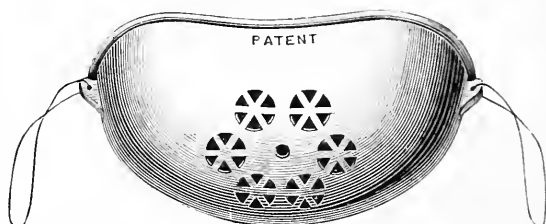


Fig. 450.

					£	s.	d.
Roberts's Antiseptic Inhaler,	Celluloid	(Fig. 450)	...	...	0	4	0
"	"	"	Bronzed	...	...	0	2 6
Coghill's	"	"	Celluloid	...	...	0	4 0
"	"	"	Nickel-plated	...	...	0	3 6

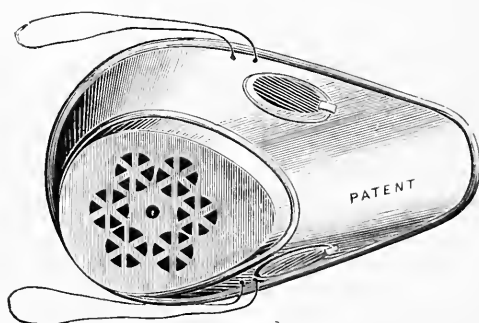


Fig. 451.

Mackenzie's Antiseptic Inhaler,	Celluloid	(Fig. 451)	...	...	0	6	0
"	"	"	Metal	...	...	0	2 6
Collier's Respirators	...	...	...	...	...	0	2 6

## TRACHEOTOMY INSTRUMENTS.

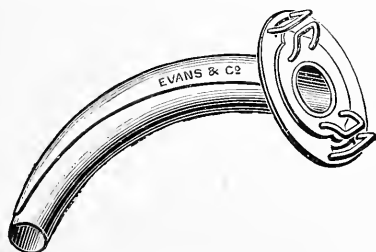


Fig. 452.

					£	s.	d.
Bivalve Tracheotomy Tube, Silver (Fig. 452), small	...				0	15	0
" " " " " medium	...				0	18	0
" " " " " large	...				1	1	0

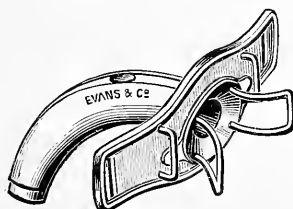


Fig. 453.

Improved Bivalve Tracheotomy Tube, with Movable Shield, Silver (Fig. 453)	...	...	...	...	1	1	0
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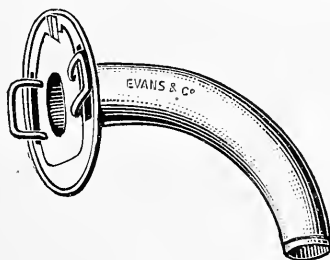


Fig. 454.

Double Tracheotomy Tube, Silver (Fig. 454), small	...	0	15	0
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	£	s.	d.
Tracheotomy Tube, Flexible, in Elastic Gum ... ..	0	4	6
"    "    in India-rubber ... ..	0	5	0
"    "    in Celluloid ... ..	0	5	0
"    "    in Vulcanite ... .. 5s. and	0	6	0
"    "    Cleaners ... ..	0	0	6
Shadwell's Tracheotomy Aspirator, consisting of a Brass Exhausting Syringe, with Glass Bell for removing Obstructions from Trachea Tubes ... ..	0	15	0
Parker's Tracheotomy Aspirator ... ..	0	10	6

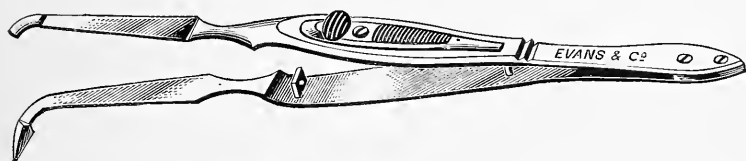


Fig. 459.

Tracheotome Forceps, with Cutting Blades, in Case (Fig. 459) ... ..	I	I	0
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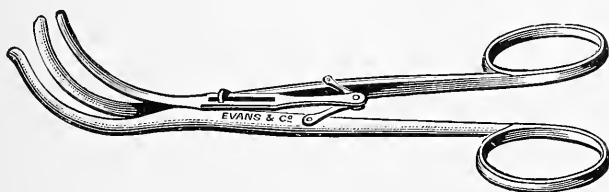


Fig. 460.

Delaborde's Improved Tracheotomy Forceps (Fig. 460) ...	0	18	0
Parker's Improved Tracheotomy Dilating Forceps ...	0	10	6
Evans & Wormull's Three-bladed Tracheotomy Forceps ...	0	18	0

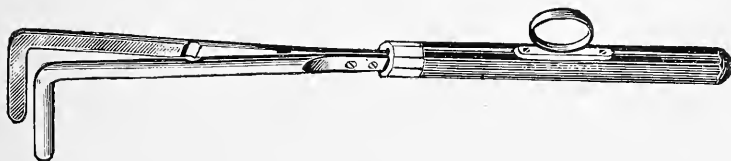


Fig. 462.

Forceps for facilitating introduction of Tracheotomy Tubes (Fig. 462) ... ..	I	I	0
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Fig. 463.

		£	s.	d.
Luer's Cross-action Trachea Forceps (Fig. 463) ...	...	0	10	0
Golding Bird's Trachea Dilator ...	...	0	15	6
Parker's Silver Tracheotomy Plugs ...	...	0	10	6



Fig. 464.

Tracheotomy Knife, made with Single or Double Edge (Fig. 464) ...	...	0	2	0
Tracheotomy Hook, Single ...	...	0	3	6
„ „ Double ...	...	0	8	6

Portable Set of Tracheotomy Instruments in Morocco Case, containing:—

Three sizes Tracheotomy Tubes, small, medium, and large.

Tracheotome.

Trachea Hook ... 2 2 0

The Practitioner's complete Set of Tracheotomy Instruments in Morocco Case, containing:—

Three Bivalve Tracheotomy Tubes.

Delaborde's Trachea Dilator.

Double Hook.

Blunt „

Sharp „

Two Spring Forceps.

Straight Scissors.

Pair Artery Forceps.

Tracheotome.

Sulpho-Chromic Catgut ... 4 4 0



Durham's Tracheotomy Set, in Morocco Leather Case, containing :—

£ s. d.

Four Lobster-tailed Trachea Tubes, and Introducers.

Two Tracheotomes.

Blunt and Sharp Hooks.

Spring Forceps      ...      ...      ...      ...      ...      7      7      0

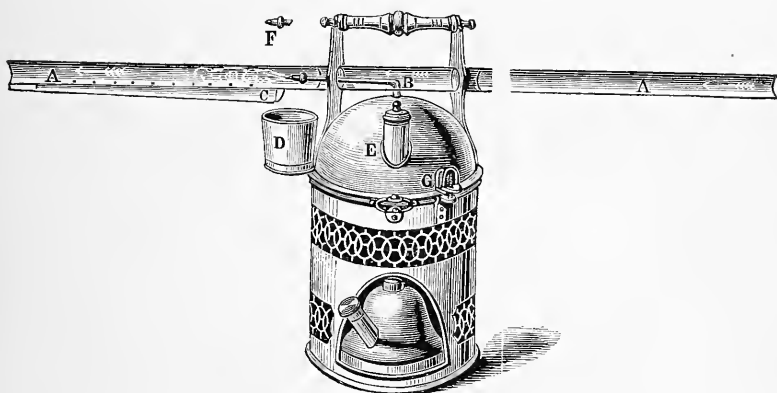


Fig. 465.

Tracheotomy, or Ventilating Croup Kettle (Fig. 465)      ...      1      5      0

**DIRECTIONS FOR USE OF CROUP KETTLE.**—Remove the filling-screw, and fill the kettle three-parts full of boiling water; the filling-screw (in centre of which is inserted the safety-valve) is then well screwed down, and the lamp, having been filled with spirit, is lighted. In the course of a few minutes a draught of warm moist air will be felt issuing from the delivery-tube. This is now to be put near the patient, so that the air may be inhaled. If the bed be enclosed with curtains, the kettle may be placed on a table, or stand at the foot of the bed, and the delivery-tube inserted between the hangings. In this manner the patient will be surrounded by an atmosphere which is being constantly changed, but which is nevertheless uniform in temperature. If it be wished to medicate the vapour, the medicament must be mixed with the water when the kettle is filled. The kettle will continue to work from five to six hours without refilling the lamp or boiler. By increasing or decreasing the flame of the lamp, the amount of warmed air and vapour can be regulated to requirement.

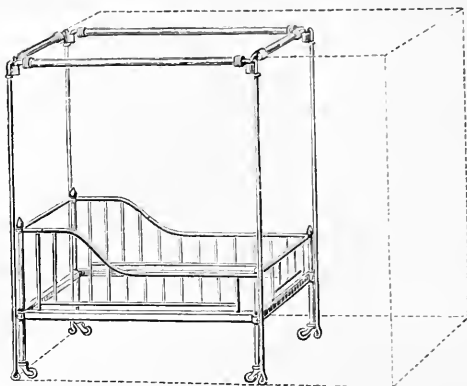


Fig. 466.

Portable Folding Iron Frames for making the Tracheotomy  
Tent, as used in the principal London and Children's  
Hospitals (Fig. 466) ... .. I O O

£ s. d.

Will suit Cot or Bedstead.

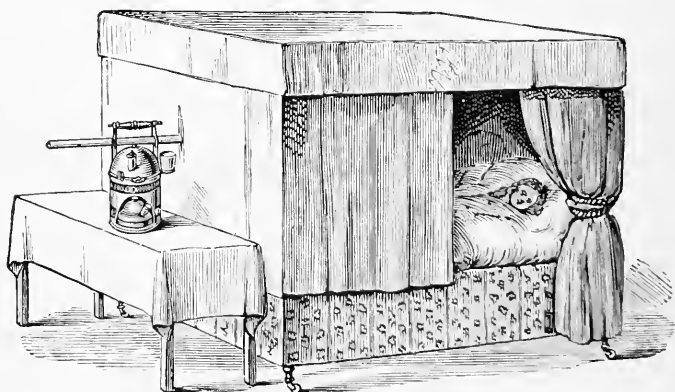


Fig. 467.

Fig. 467 illustrates the Iron Frames covered, and the Ventilating Croup Kettle placed on a table at foot of the bed, with the front tube projecting through the hangings. The hangings should be arranged to allow sufficient light and ventilation.

**DENTAL INSTRUMENTS.**

£ s. d.

Morocco Leather Pocket Case of Dental Instruments, containing :—

Forceps for the Upper Molars, right.

” ” ” ” left.

” ” Lower ”

” ” Upper Incisors and Canines.

” ” Lower ” ” ”

” for Stumps.

Tooth Key and Three Claws.

” Punch.

Gum Lancet ... 3 7 0

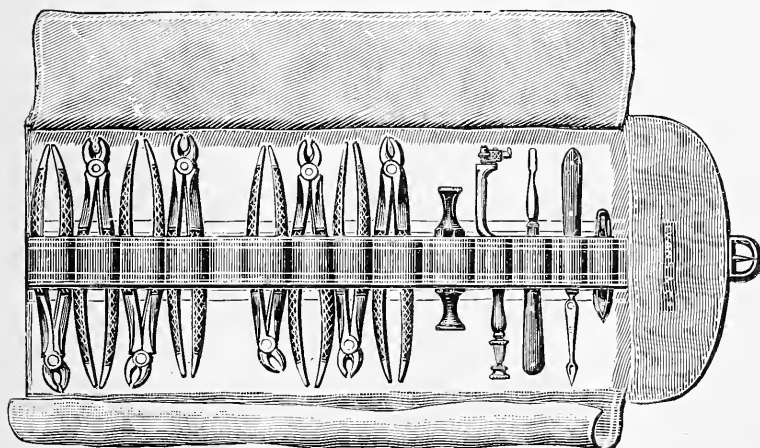


Fig. 468.

Morocco Leather Pouch of Dental Instruments  
(Fig. 468) containing :—

Forceps for the Upper Incisors, Canines, and  
Bicuspids.

Forceps for the Upper Molars, right.

” ” ” ” left.

£ s. d.

Forceps for the Lower Incisors, Canines, and Bicuspids.

Forceps for the Lower Molars.

" " " Wisdom.

" " " Upper Stumps.

" " " Lower "

Tooth Key and Three Claws.

" Elevator, with Five Scalars fitting into one Handle.

Gum Lancet ... 5 19 0

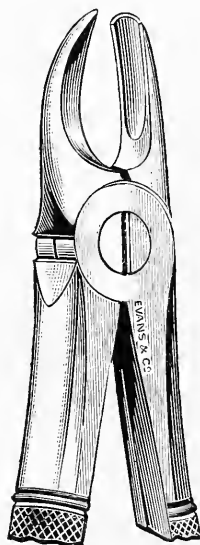


Fig. 469.

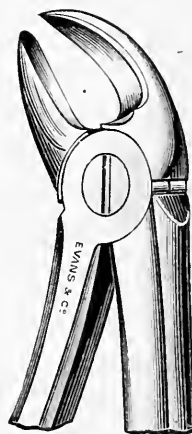


Fig. 470.

Forceps for Lower Incisors crowded internally (Fig. 469) 0 8 6  
 " " " " externally (Fig. 470) 0 8 6



Fig. 471.

Forceps for Lower Incisors and Canines (Fig. 471) ... 0 8 6

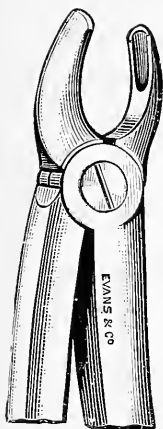


Fig. 472.

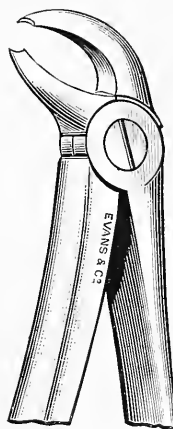


Fig. 473.

				£	s.	d.
Forceps for Upper Bicuspid (Fig. 472)	...	...	...	0	8	6
„ Lower „ (Fig. 473)	...	...	...	0	8	6

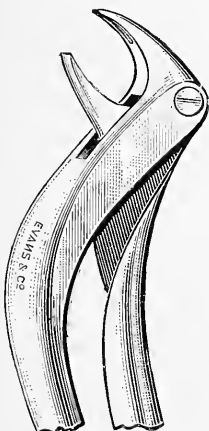


Fig. 474.

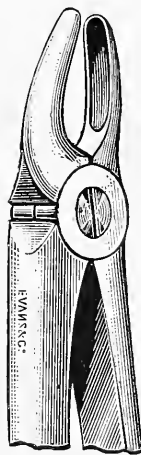


Fig. 475.

Forceps for Lower Bicuspid (Fig. 474)	...	...	...	0	8	6
„ Upper „ (Fig. 475)	...	...	...	0	8	6

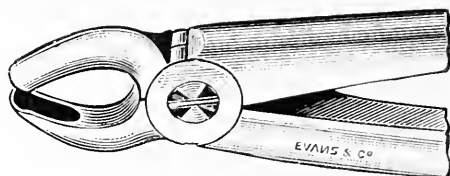


Fig. 476.

Forceps for Upper Incisors and Bicuspids (Fig. 476) ... £ s. d.  
 o 8 6

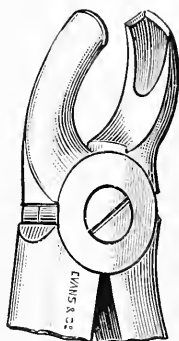


Fig. 477.

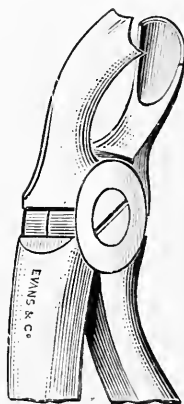


Fig. 478.

Forceps for Upper Molars, left (Fig. 477) ... o 8 6  
 „ „ „ right (Fig. 478) ... o 8 6

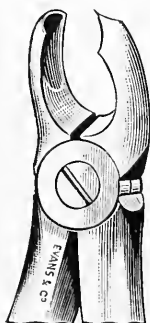


Fig. 479.

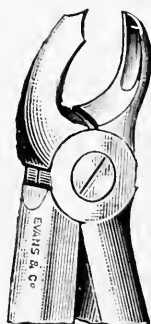


Fig. 480.

Forceps for Children's Upper Molars, left (Fig. 479) ... o 8 6  
 „ „ „ „ right (Fig. 480) ... o 8 6

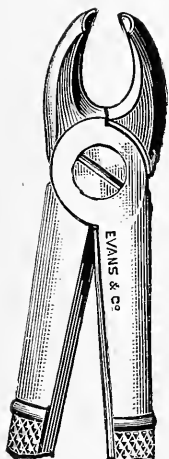


Fig. 481.

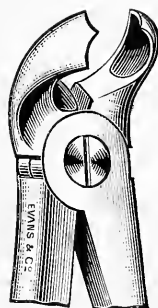


Fig. 482.

				£	s.	d.
Forceps for Upper Temporary Molars (Fig. 481)...	...	...	...	0	8	6
„ Lower „ „ (Fig. 482)...	...	...	...	0	8	6

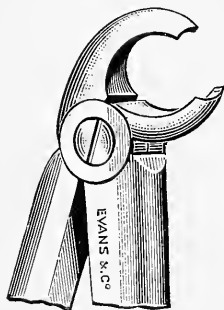


Fig. 483.

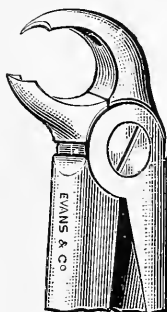


Fig. 484.

Forceps for Lower Bicuspid, right (Fig. 483) ...	...	...	0	8	6
„ „ „ left (Fig. 484) ...	...	...	0	8	6

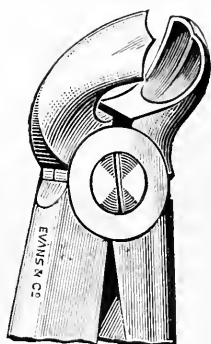


Fig. 485.

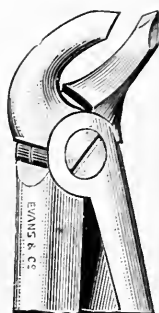


Fig. 486.

				£	s.	d.
Forceps for Lower Molars (Fig. 485)	...	...	...	0	8	6
„ „ Lower Molar Stumps (Fig. 486)	...	...	...	0	8	6

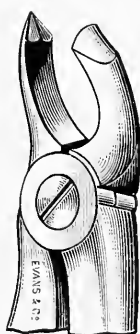


Fig. 487.

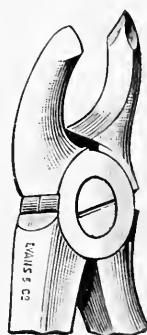


Fig. 488.

Forceps for Upper Molar Stumps, right (Fig. 487)	...	0	8	6
„ „ „ „ left (Fig. 488)...	...	0	8	6



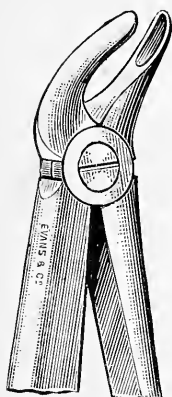


Fig. 489.

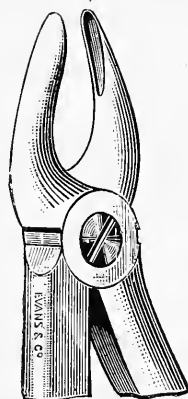


Fig. 490.

	£	s.	d.
Forceps for Lower Stumps, right or left (Fig. 489) ...	0	8	6
„ Upper „ „ „ (Fig. 490) ...	0	8	6

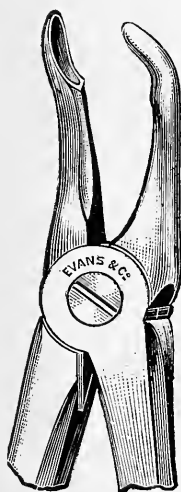


Fig. 491.

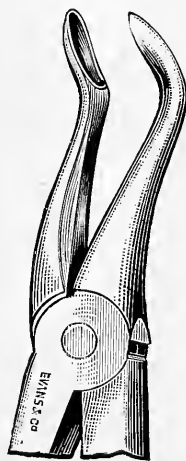


Fig. 492.

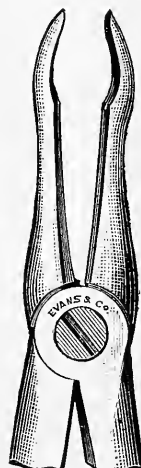


Fig. 493.

Forceps for Upper Stumps (Figs. 491 to 493) ...	0	8	6
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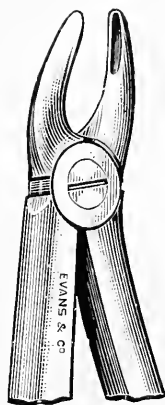


Fig. 494.

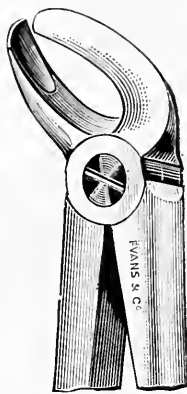


Fig. 495.



Fig. 496.

Forceps for Upper Stumps (Figs. 494 to 496)	...	...	£	s.	d.
			0	8	6

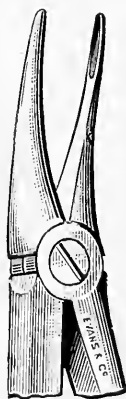


Fig. 497.

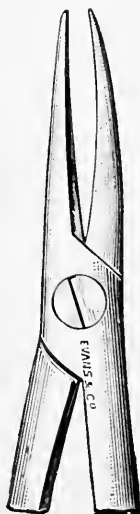


Fig. 498.

Forceps for Extracting Fragments (Figs. 497 and 498)	...	0	8	6
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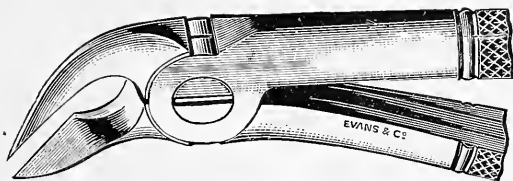


Fig. 499.

					£	s.	d.
Forceps for dividing Fangs (Fig. 499)	...	...	...	...	0	10	6

All Tooth Forceps can be Nickel-plated at a cost of 1s. 6d. per pair.

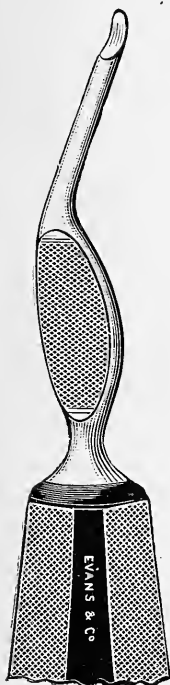


Fig. 500.

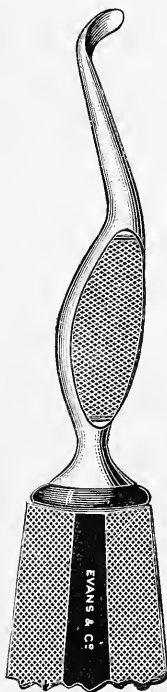


Fig. 501.

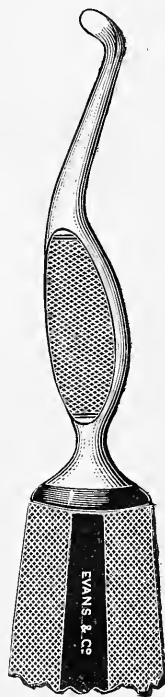


Fig. 502.

Thomson's Stump Elevators, Straight, right and left (Figs. 500, 501, 502)	...	...	...	...	each	0	6	0
Bell's Elevators	...	...	...	...	...	0	4	6
Tome's „	...	...	...	...	...	0	5	0
Clendon's Elevators	...	...	...	...	...	0	4	6



Fig. 503.

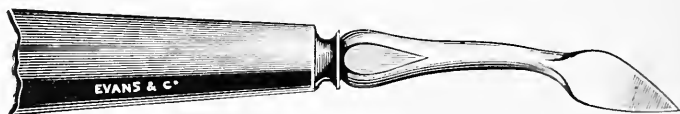


Fig. 504.

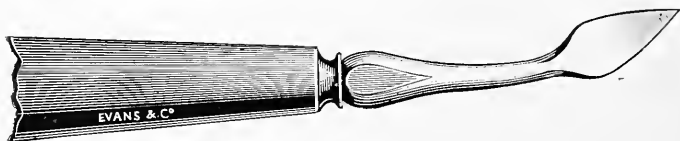


Fig. 505.

	£	s.	d.
Saunders's Stump Elevators, Straight, right and left (Figs. 503, 504, 505) ... .. each	0	4	0
Tooth Elevator, Jointed, that can be set at any angle ...	0	7	6
Fox's Tooth Key, in Ebony Handle, and Three Claws, Nickel-plated ... ..	0	11	0



Fig. 506.



Fig. 507.



Fig. 508.

Curved Excavators, right and left, in Fixed Handles (Figs. 506, 507, 508) ... .. each	0	2	9
--	---	---	---



Fig. 509.



Fig. 510.



Fig. 511.

Stopping Instruments, in Fixed Handles (Figs. 509, 510, 511) ... .. each £ s. d. 0 2 9



Fig. 512.



Fig. 513.



Fig. 514.

Stopping Instruments, in Fixed Handles (Figs. 512, 513, 514) ... .. each £ s. d. 0 2 9



Fig. 515.



Fig. 516.



Fig. 517.

	£	s.	d.
Scaling Instruments, in Fixed Handles (Figs. 515, 516) each	0	2	9
Straight Spear-shaped Scaling Instrument, in Fixed Handle (Fig. 517) ... ..	0	2	9



Fig. 518.

Curved Spear-shaped Scaling Instrument, in Fixed Handle (Fig. 518) ... ..	0	2	9
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Fig. 519.

Curved Broad-edged Scaling Instrument, in Fixed Handle (Fig. 519) ... ..	0	2	9
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Fig. 520.

Sharp-pointed Triangular Scaling Instrument, in Fixed Handle (Fig. 520) ... ..	0	2	9
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Fig. 521.

Rosehead Drill, in Fixed Handle (Fig. 521)	...	...	£	s.	d.
			0	2	9

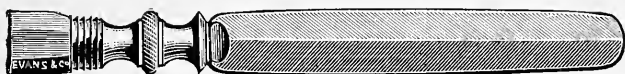


Fig. 522.

Fine Files, various shapes, in Fixed Handles (Fig. 522)	0	2	9
File Holder...	0	9	6
Set of Six Scaling, and Stopping, Instruments, fitting into one Handle, in neat Morocco Case, as per Illustrations (Figs. 515 to 520)	0	17	6

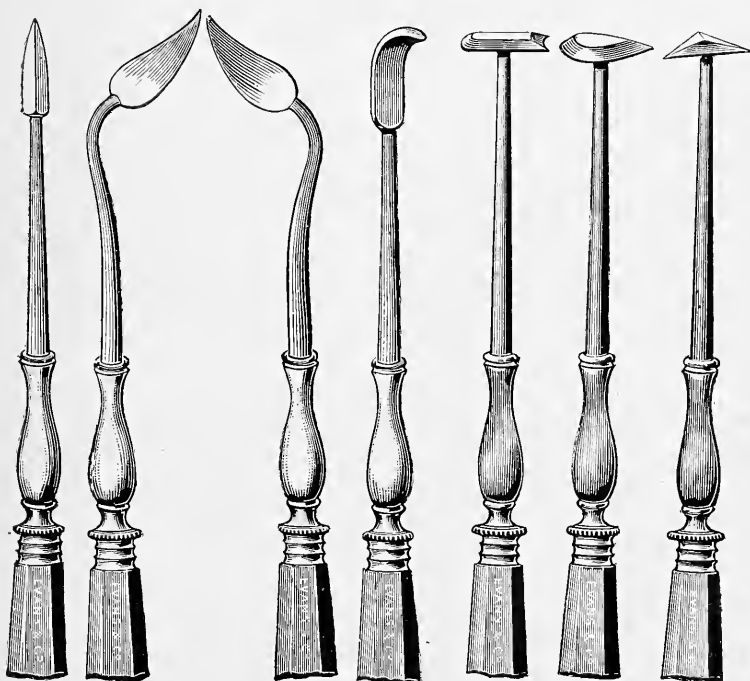


Fig. 523. Fig. 524.

Fig. 525. Fig. 526. Fig. 527. Fig. 528. Fig. 529.

Scalers of various shapes, in Ivory Handles, with Silver Ferrules (Figs. 523 to 529)	...	...	...	each	0	4	0
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Fig. 530.



Fig. 531.

						£	s.	d.
Excavators, right and left, in Fluted Handles (Figs. 530 and 531)	...	...	...	...	each	0	1	9



Fig. 532.

Straight Pear-shaped Drill, in Fluted Handle (Fig. 532)	0	1	9
Archimedean Drill ... ..	0	10	6
Set of Twelve assorted Excavators, Enamel Cutters, Drills, and Stopping Instruments, with Steel Handles, in neat Morocco Case, with space for Gutta Percha, Amalgam, Gold Leaf, &c. ... ..	1	1	0

### Dentist's Portable Case, containing :—

Thirty-six Scalers, Stoppers, Enamel Cutters, Excavators, and Drills, fitting into two Screw Handles ; Mouth Mirror, Curved Spring Forceps, Three Files, in neat Morocco Case, with compartments for Amalgam, Gold Leaf, &c. ...	3	10	0
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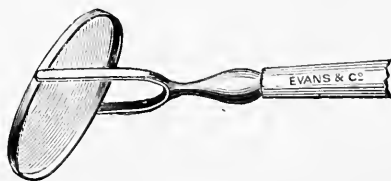


Fig. 533.

Dental Mirror with Swing Joint, in Ivory Handle (Fig. 533)	0	5	0
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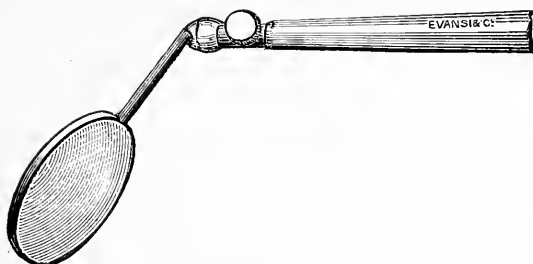


Fig. 534.

							£	s.	d.
Dental Mirror with Ball-and-socket Joint, in Ivory Handle									
(Fig. 534)	...	...	...	...	...	...	0	7	6

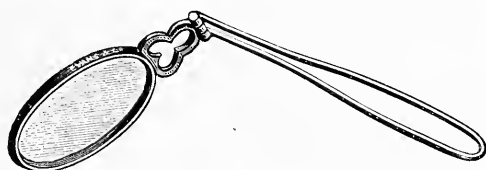


Fig. 535.

Dental Mirror, Portable, for carrying in the pocket									
(Fig. 535)	...	...	...	...	...	...	0	5	6
Dental Mirror, in plain Ebony Handle	...	...	...	...	...	...	0	4	6
„ Syringe, Vulcanite	...	...	...	...	...	...	0	4	0
„ „ with Indiarubber Ball and Plated Canula	...	...	...	...	...	...	0	7	6
Gum Lancets, in Tortoiseshell Handle	...	...	...	...	...	...	0	3	0
„ „ „ „ with French Lock	...	...	...	...	...	...	0	5	6
„ Back	...	...	...	...	...	...	0	9	6
Gum Lancet in Tortoiseshell Handle, with Three Blades	...	...	...	...	...	...	0	2	0
Metal Impression Trays	...	...	...	1s. 3d.	1s. 6d.	and	0		

## MIDWIFERY INSTRUMENTS.

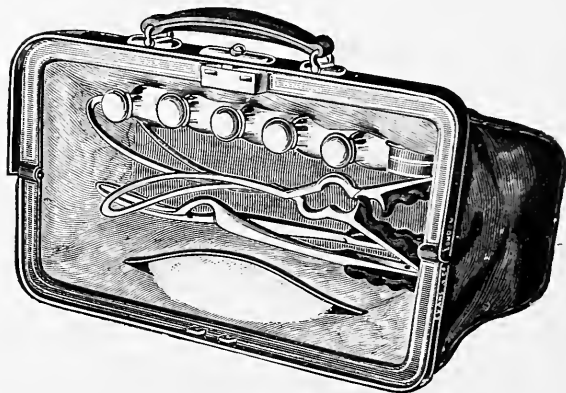


Fig. 536.

The Practitioner's Handy Midwifery Bag (Fig. 536),  
containing :—

£ s. d.

Pair Long Midwifery Forceps.									
„ Craniotomy „									
Perforator.									
Sliding Female Catheter.									
Blunt Hook and Crotchet.									
Five Stoppered Bottles, for Perchloride of Iron,									
Ammonia, Chloroform, &c., and space for									
pot of Vaseline; all the Instruments Nickel-									
plated ... ..								4	4
Empty Bag for above...							15s. and	0	17
									6

Obstetric Bag (Fig. 537), containing :—

Barnes's and Simpson's Combined Midwifery Forceps.  
Barnes's Improved Craniotomy Forceps.  
Holmes's Improved Perforator.  
Decapitator.

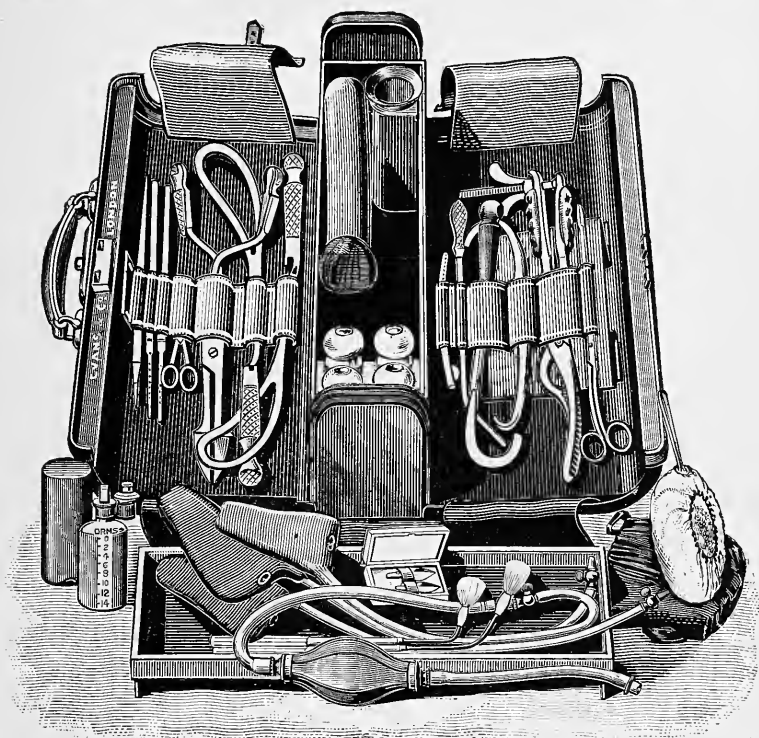


Fig. 537.

£ s. d.

Female Catheter.					
Barnes's Uterine Sound.					
Two Playfair's Probes.					
Fergusson's Speculum, Silver-Plated.					
Blunt Hook and Crotchet.					
Membrane Perforator.					
Barnes's Improved Neugabauer's Speculum.					
Pair Frænum Scissors.					
Chloroform Inhaler.					
„ Drop-Bottle.					
Barnes's Set of Three Os Uteri Dilators, with Enema					
Syringe, and Vaginal Pipe for Injecting Perchloride of Iron.					
Three Camel Hair Brushes.					
Four Stoppered Bottles.					
Savage's Combined Uterine Forceps and Scarifiers.					
Instruments Nickel-plated, in Morocco-leather Bag	16	10	0		
Bag without Instruments	3	15	0		

£ s. d.

## Barnes's Obstetric Bag, containing :—

Barnes's Long Midwifery Forceps.									
„ Craniotomy „									
Holmes's Improved Perforator.									
Blunt Hook and Crotchet.									
Frænum Scissors.									
Female Catheter.									
Skinner's Inhaler ; and Chloroform Drop Bottle.									
Set of Barnes's Dilators.									
Enema, with Rectum and Vaginal Tubes, complete.									
Uterine Syringe.									
Four Stoppered Bottles for Æther, &c.									
Membrane Perforator.									
Instruments Nickel-plated, in Morocco Leather									
Bag ... ..	10	0	0						
Bag without Instruments ... ..	3	10	0						

## Morocco Leather Midwifery Pouch, containing :—

Short Midwifery Forceps.									
Craniotomy „									
Blunt Hook and Crotchet.									
Female Catheter.									
Instruments Nickel-Plated ... ..	2	10	0						
Pouch without Instruments ... ..	0	10	6						

## Morocco Leather Midwifery Pouch, containing :—

Long Midwifery Forceps.									
Craniotomy „									
Blunt Hook and Crotchet.									
Sliding Female Catheter.									
Denman's Perforator.									
Frænum Scissors.									
Instruments Nickel-Plated ... ..	3	10	0						
Pouch without Instruments ... ..	0	14	6						

## Pocket Midwifery Case, covered with Leather, containing :—

Three Stoppered Bottles.									
Minim Measure.									
Sliding Female Catheter, with Stopcock.									
Inflating Tube.									
Frænum Scissors ... ..	1	1	0						

## MIDWIFERY FORCEPS.

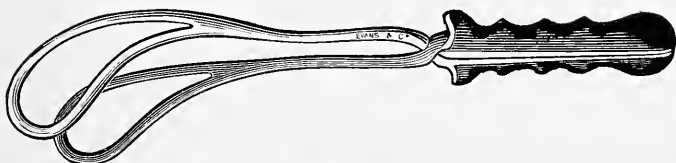


Fig. 538.

					£	s.	d.
Simpson's Long Midwifery Forceps, Plated (Fig. 538)	...				1	2	0
Greenhalgh's	"	"	"	...	1	1	0

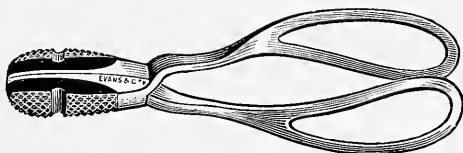


Fig. 539.

Simpson's Short Midwifery Forceps, Plated (Fig. 539)	...	0	17	6			
Graily Hewitt's	"	"	"	...	1	1	0

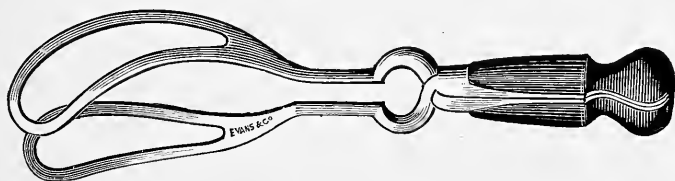


Fig. 540.

Barnes's Long Midwifery Forceps, Plated (Fig. 540)	...	I	2	0
Godson's " " " " " "	...	I	I	0









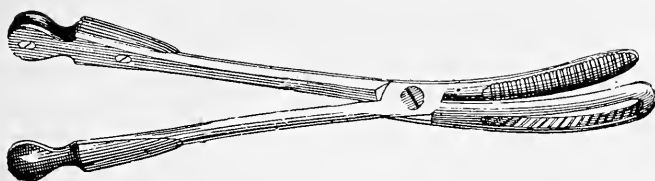


Fig. 552.

							£: s. d.		
Evans & Wormull's Improved Craniotomy Forceps, Plated									
(Fig. 552)	...	...	...	...	...	...	I	5	0
Conquest's Craniotomy Forceps, Plated	...	...	...	...	...	...	I	7	6

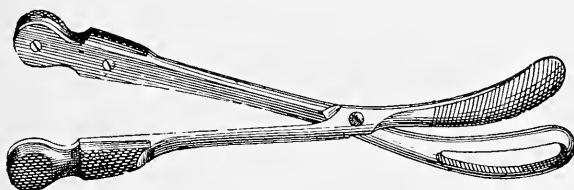


Fig. 553.

Murphy's Craniotomy Forceps, Plated (Fig. 553)	...	I	5	0
Martin's	...	I	I	0

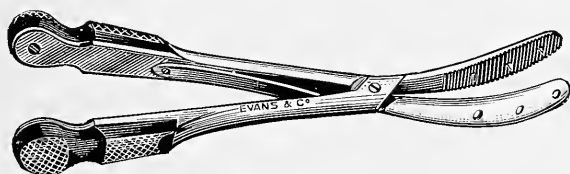


Fig. 554.

Holmes's Craniotomy Forceps, Plated (Fig. 554)	...	I	5	0
Simpson's	...	I	7	6

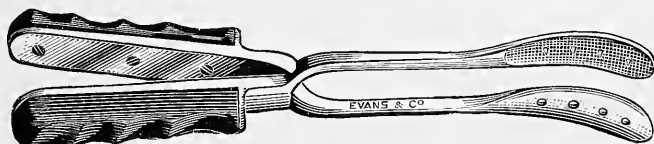


Fig. 555.

Ziegler's Craniotomy Forceps, Plated (Fig. 555)	...	I	7	6
Ramsbotham's	...	I	5	0

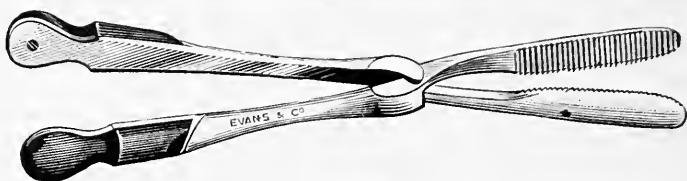


Fig. 556.

			£	s.	d.
Lee's Craniotomy Forceps, Plated (Fig. 556)	...	...	1	5	0
Lever's	„	„	1	5	0

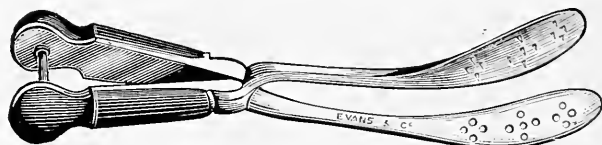


Fig. 557.

Davis's Craniotomy Forceps, Plated (Fig. 557)	...	...	1	5	0
Matthew's	„	„	1	12	0

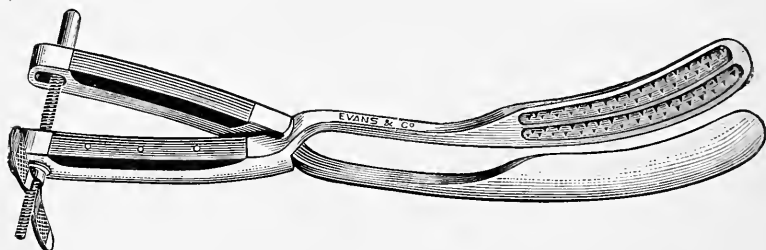


Fig. 558.

Simpson's Cephalotribe, Plated (Fig. 558)	...	...	1	15	0
Matthew Duncan's Cephalotribe, Plated	...	...	2	10	0

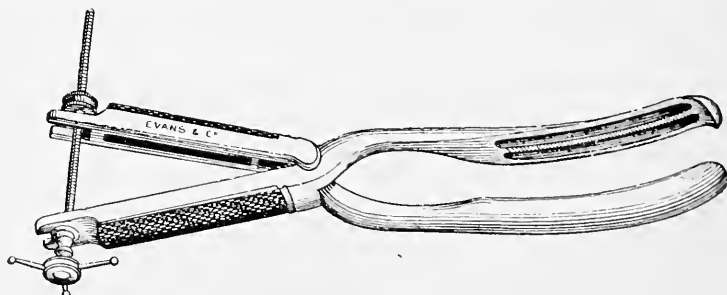


Fig. 559.

Modification of Braxton Hicks's Cephalotribe, Plated (Fig. 559)	...	...	2	15	0
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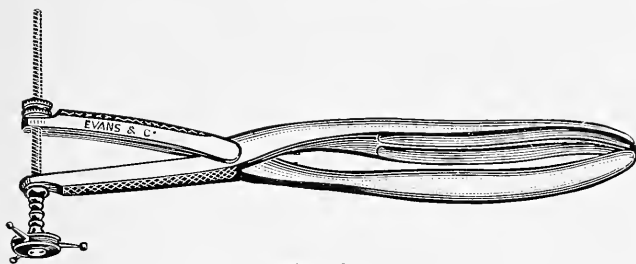


Fig. 560.

			£	s.	d.
Braxton Hicks's Cephalotribe, Plated (Fig. 560) ...	...	...	2	10	0
Barnes's	„	„	2	10	0

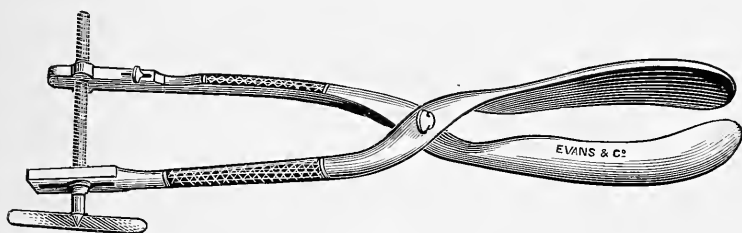


Fig. 561.

Kidd's Cephalotribe, Plated (Fig. 561) ...	...	...	1	15	0
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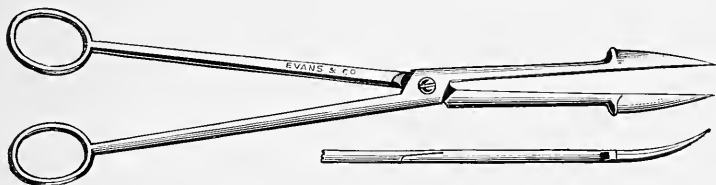


Fig. 562.

Denman's Perforator, Curved or Straight (Fig. 562) each	...	...	0	7	6
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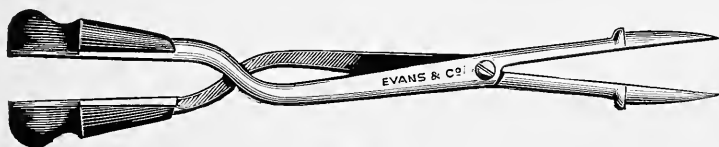


Fig. 563.

Oldham's Perforator, Plated (Fig. 563) ...	...	...	1	1	0
Godson's Four-bladed Perforator, Plated ...	...	...	3	0	0
Greenhalgh's	„	„	1	15	0



Fig. 564.

						£	s.	d.
Holmes's Perforator, Plated (Fig. 564)	...	...	...	...	...	1	0	0
Meadow's	„	„	...	...	...	0	17	6

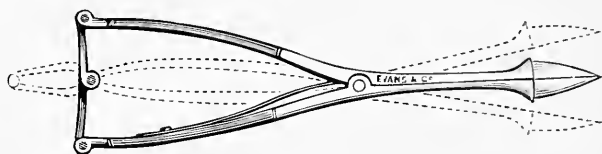


Fig. 565.

Naegele's Perforator, Plated (Fig. 565)	...	...	...	...	...	1	0	0
Rigby's	„	„	...	...	...	0	10	6

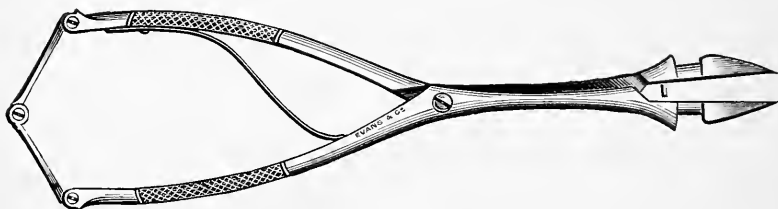


Fig. 566.

Simpson's Perforator, Plated (Fig. 566)	...	...	...	...	...	1	1	0
Smellie's Straight Perforator	...	...	...	...	...	0	12	0
„ Curved „	...	...	...	...	...	0	14	0



Fig. 567.

Lever's Vectis, Plated (Fig. 567)	...	...	...	...	...	0	8	6
Robertson's Vectis, Plated...	...	...	...	...	...	1	1	0



Fig. 568.

Lowndes's Vectis, Plated (Fig. 568)	...	...	...	...	...	0	11	6
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Fig. 569.

	£	s.	d.
Lever's Decapitating Hook, Plated (Fig. 569) ...	0	9	0



Fig. 570.

Ramsbotham's Decapitating Hook, Plated (Fig. 570) ...	0	9	0
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Fig. 571.

Barnes's Blunt Hook, Plated (Fig. 571) ...	0	5	6
Lazarovitch's Blunt Hook ...	0	7	6
Matthew Duncan's Blunt Hook ...	1	7	6
Braun's Blunt Hook ...	0	7	6
Oldham's Spine Hook ...	0	5	0



Fig. 572.

Crotchet, Plated (Fig. 572) ...	0	6	6
"    with Cross Handle, Plated ...	0	7	6
Davis's Guarded Crotchet... ..	1	7	0



Fig. 573.

Blunt Hook and Crotchet, Plated (Fig. 573) ...	0	8	6
"    "    "    "    fitting into one Cross Handle ...	0	9	6

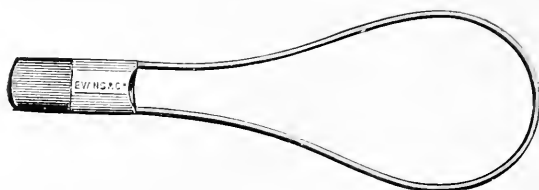


Fig. 574.

				£	s.	d.
Fillet, Plain Whalebone (Fig. 574)	...	...	...	0	5	0

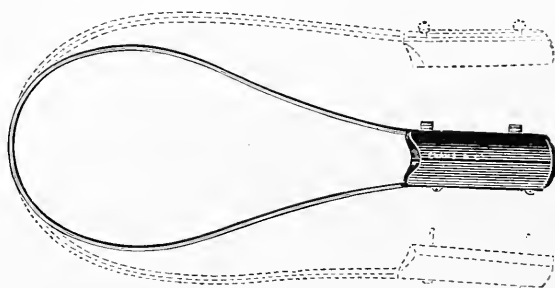


Fig. 575.

Eardley Wilmot's Fillet (Fig. 575)	...	...	...	0	6	6
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Fig. 576.

Lee's Membrane Perforator (Fig. 576)	...	...	...	0	12	0
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Fig. 577.

Barnes's Membrane Perforator (Fig. 577)...	...	...	...	0	5	6
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Fig. 578.

				£	s.	d.
Godson's Membrane Perforator (Fig. 578)	...	...	...	1	1	0
Davis's Funis Repositor	...	...	...	0	7	6
Robertson's Funis Repositor	...	...	...	0	4	6



Fig. 579.

Tarnier's Premature Labour Apparatus (Fig. 579)	...	0	15	0
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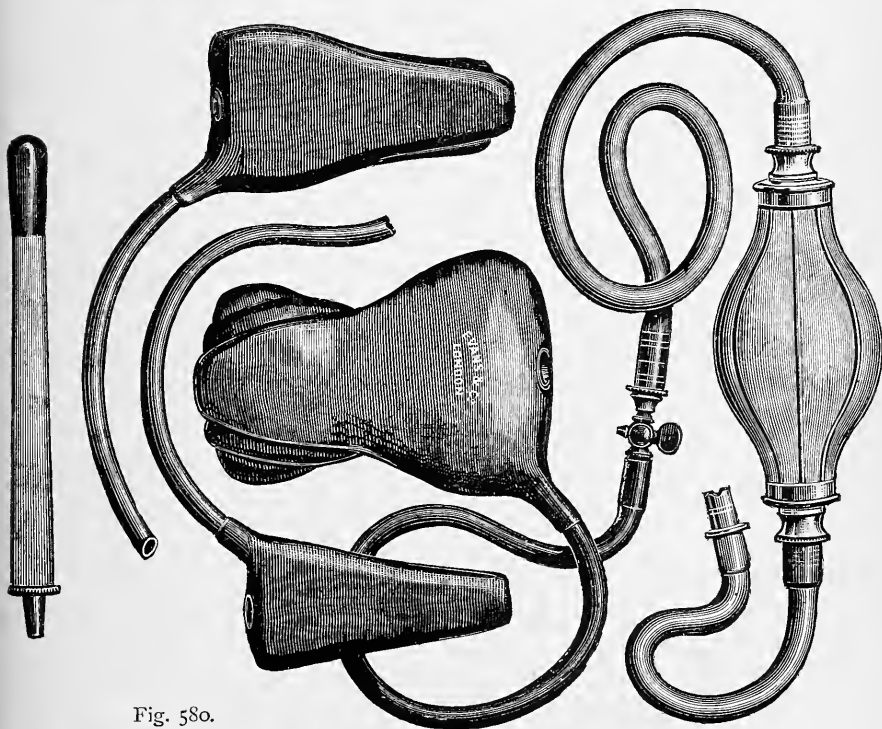


Fig. 580.

Barnes's Dilators, for dilating the Os Uteri, consisting of three Indiarubber Bags, Enema Syringe, and Long Elastic Vaginal Pipe, in Case, complete (Fig. 580)...	1	5	0
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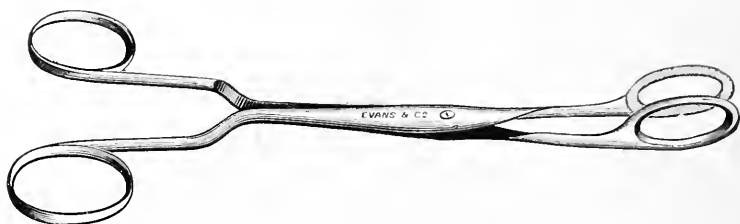


Fig. 581.

						£	s.	d.
Ovum Forceps, Plated (Fig. 581) ...	...	...	...	...	...	0	10	6
Heywood Smith's Ovum Forceps ...	...	...	...	...	...	0	12	0
Frænum Scissors ...	...	...	...	...	...	0	3	6
Umbilical „ ...	...	...	...	...	...	0	3	6

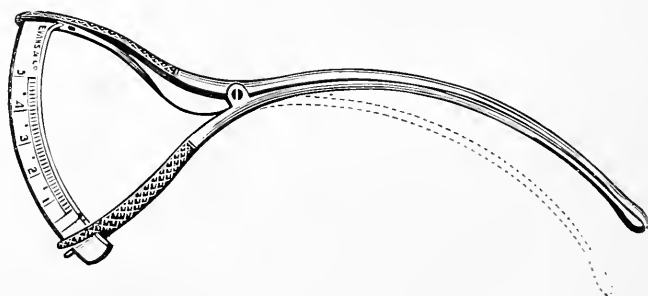


Fig. 582.

Earle's Pelvimeter (Fig. 582) ...	...	...	...	...	1	5	0
Martin's „ ...	...	...	...	...	1	1	0
Duncan's „ ...	...	...	...	...	2	2	0
Greenhalgh's Pelvimeter ...	...	...	...	...	2	0	0
Phantome and Manikin for Obstetrical Demonstrations ...	...	...	...	...	25	0	0
Pelvis for Obstetrical Demonstrations ...	...	...	...	...	6	0	0



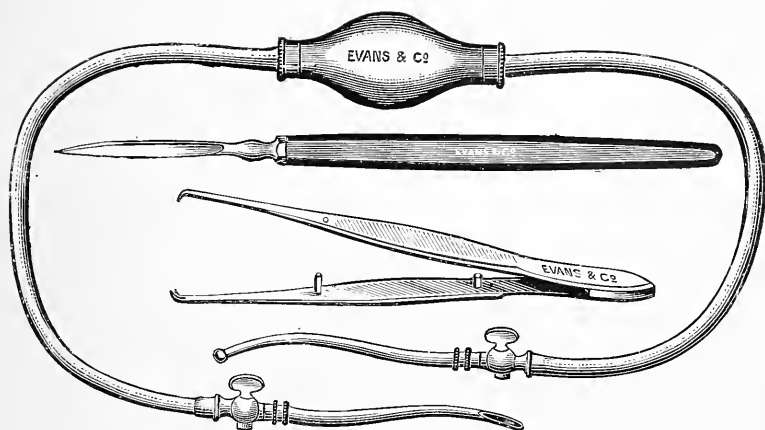


Fig. 583.

	£	s.	d.
Aveling's Transfusion Apparatus, complete, with Forceps and Scalpel, in Case (Fig. 583) ... ..	1	10	0
Graily Hewitt's Transfusion Apparatus, complete in Case	2	10	0



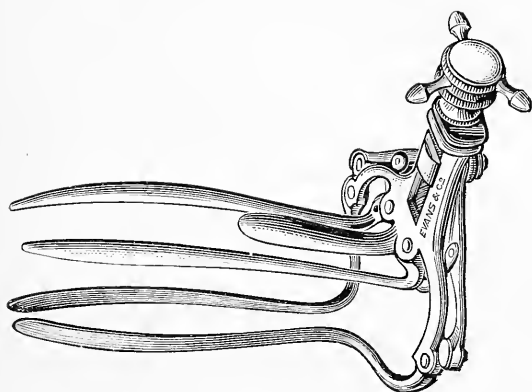


Fig. 586.

	£	s.	d.
Meadow's Improved Four-bladed Dilator, Plated (Fig. 586)	3	3	0

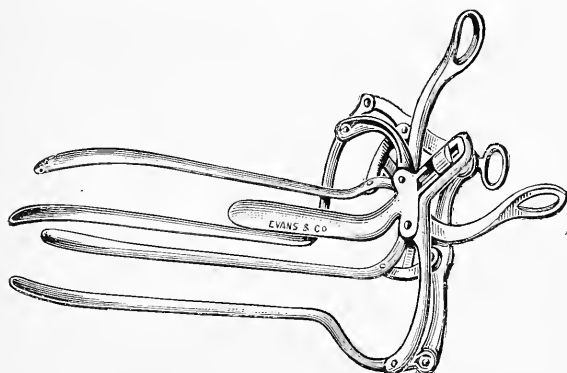


Fig. 587.

Allingham's Modification of Meadow's Five-bladed Dilat-							
ing Speculum (Fig. 587)	...	...	...	...	2	15	0

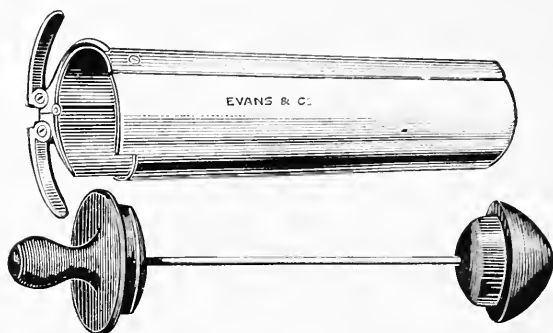


Fig. 588.

Simpson's Speculum, Plated (Fig. 588)	...	...	...	£	s.	d.
				1	15	0

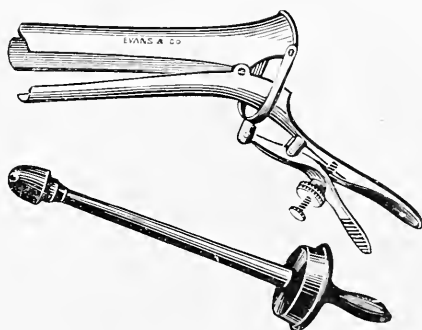


Fig. 589.

Simpson's Spring Speculum, with Plug, Plated (Fig. 589)	...	...	...	1	14	0
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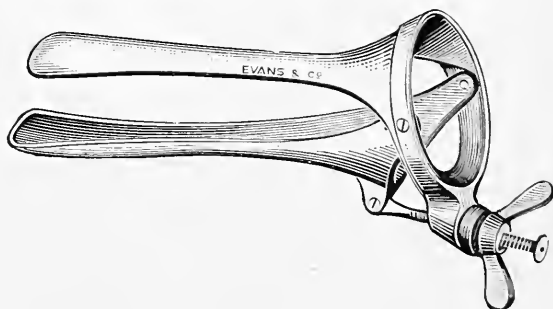


Fig. 590.

Cusco's Duck-bill Speculum, Plated (Fig. 590)	...	...	...	1	5	0
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				£	s.	d.
Blackbee's Wire Speculum, Plated	...	...	...	0	8	6
Richard Davey's Wire Speculum, Plated	...	...	...	0	8	0

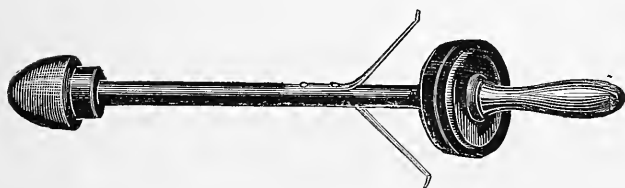
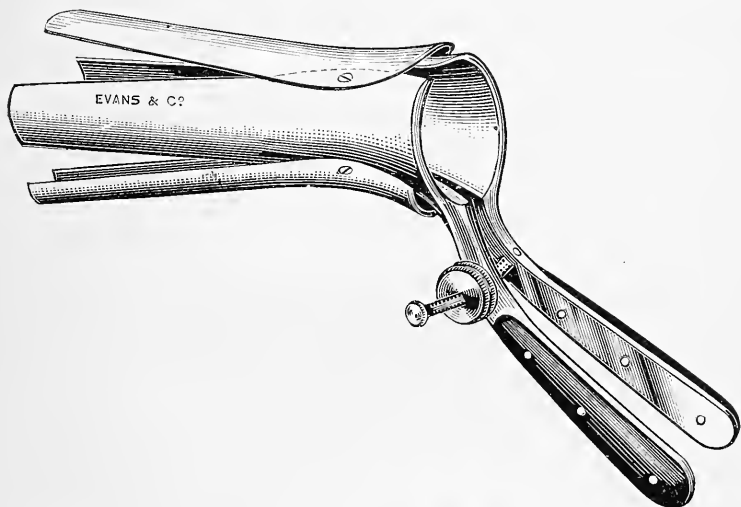


Fig. 591.

Ricord's Four-bladed Speculum, with Plug, Plated (Fig. 591)	...	...	...	...	...	...	...	...	2	2	0
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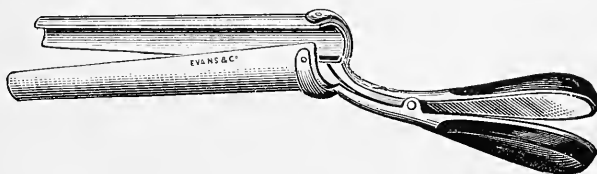


Fig. 592.

Ricord's Two-bladed Speculum, Plated (Fig. 592)	...	0	18	6
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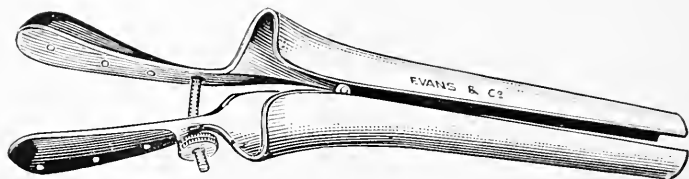
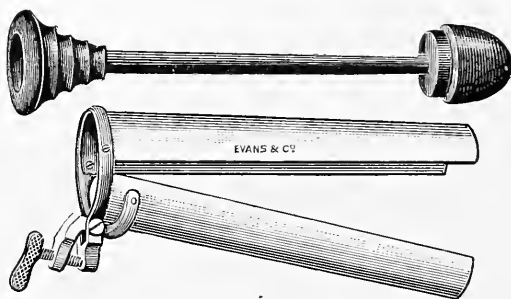


Fig. 593.

	£	s.	d.
Ricord's Speculum, Plated, with Regulating Screw (Fig. 593) ... ..	1	1	0
Speculum for applying Iced Water to the Vagina ...	2	5	0
Kisch's Speculum for applying Iced Water to the Vagina	0	12	6



Figs. 594 and 595.

Bennett's Improved Screw Lever Speculum, with Plug, Plated (Figs. 594 and 595) ... ..	1	4	0
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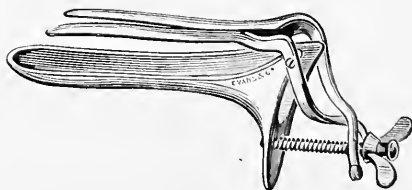


Fig. 596.

Nott's Three-bladed Speculum, Plated (Fig. 596) ...	1	5	0
„ Improved „ „ ... ..	1	15	0

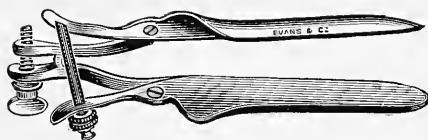


Fig. 597.

			£	s.	d.
Schlotterbeck's Speculum, Plated (Fig. 597)	...	...	1	13	0
Smith's Improved Slide Speculum	...	...	1	10	0

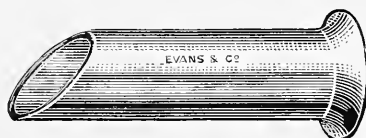


Fig. 598.

Fergusson's Metal Speculum, Plated (Fig. 598)	...	...	0	10	6
" " " " the Set of Three	...	...	1	7	6



Fig. 599.

Fergusson's Glass Speculum, coated with Elastic Gum (Fig. 599)	...	...	...	...	...	0	5	0
Fergusson's Celluloid Speculum	...	...	...	...	...	0	5	0
" Nickel " covered with Vulcanite	...	...	...	...	...	0	9	0
Boxwood Cases for Speculums	...	...	...	...	...	0	2	6

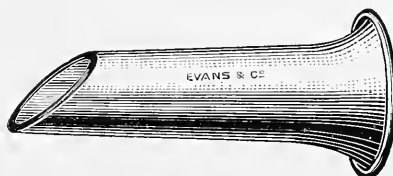


Fig. 600.

Davis's Tapering Metal Speculum, Plated (Fig. 600)	...	...	...	...	...	0	10	6
" " Celluloid " " " " " " " " " "	...	...	...	...	...	0	5	0
" " Nickel " covered with Vulcanite	...	...	...	...	...	0	9	0
" Glass Speculum, coated with Elastic Gum	...	...	...	...	...	0	5	0

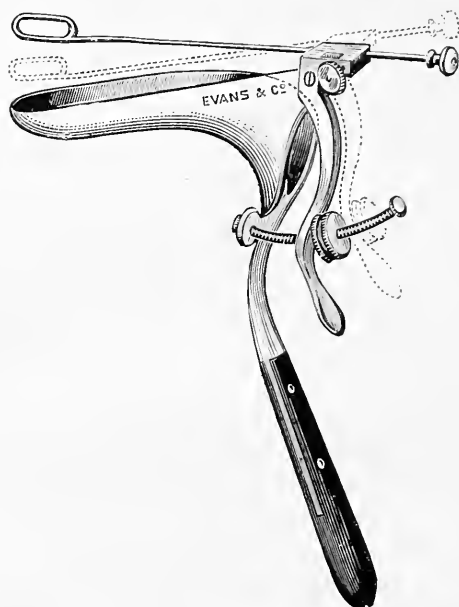


Fig. 601.

	£	s.	d.
Thomas's Modification of Sims' Speculum, Plated (Fig. 601)	2	15	0
Self-retaining ...	3	3	0
Heywood Smith's Modification of Sims' Speculum, with Three Blades ... ..	1	7	0

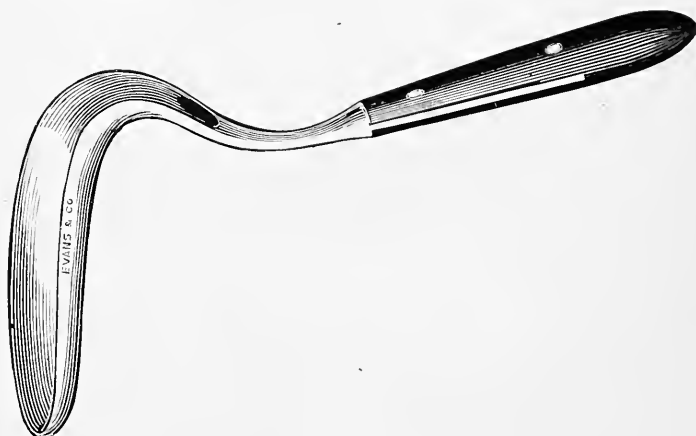


Fig. 602.

Sims' Speculum, with Handle, (Fig. 602) ... ..	0	9	6
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						£	s.	d.
Sims' Speculum, Set of Three, fitting into one handle, in Morocco Case	...	...	...	...	...	1	10	0

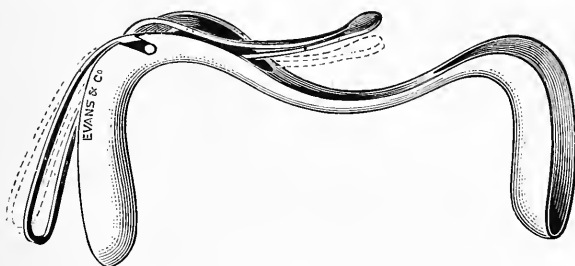


Fig. 603.

Sims' Duck-bill Speculum, with Wire Lever, Plated (Fig. 603)	...	...	...	...	...	...	1	1	0
Sims' Duck-bill Speculum, with Dilating Blade	...	...	...	...	...	...	1	1	0

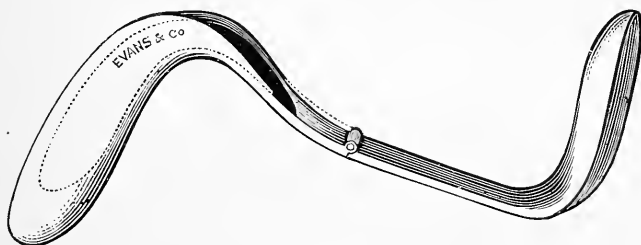


Fig. 604.

Sims' Speculum, jointed for portability, Plated (Fig. 604)	1	0	0
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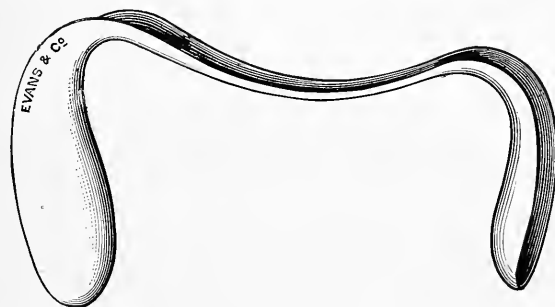


Fig. 605.

Sims' Duck-bill Speculum, Plated (Fig. 605)	...	...	0	16	0
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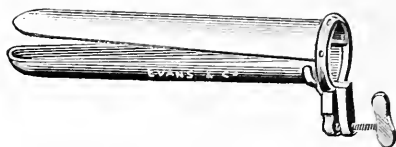


Fig. 606.

			£	s.	d.
Bivalve Speculum, Plated (Fig. 606)	...	...	1	2	0
Graily Hewitt's Broad-bladed Speculum, Plated	...	...	1	4	0

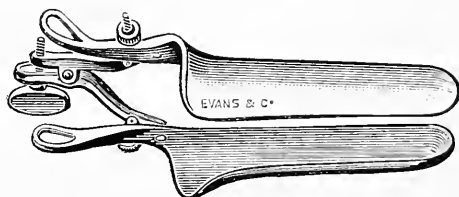


Fig. 607.

Reeve's Improved Speculum, with Parallel Blades (Fig. 607)	...	...	...	...	...	1	15	0
Bozeman's Self-retaining Speculum	...	...	...	...	...	2	10	0
„ Set of Four Speculums and Four Retractors, with Two Handles, in Morocco Case	...	...	...	...	...	2	15	0
Simons' Set of Four Speculums, and One Retractor, with Two Handles, in Morocco Case	...	...	...	...	...	2	2	0
Barnes's Speculum	...	...	...	...	...	1	5	0

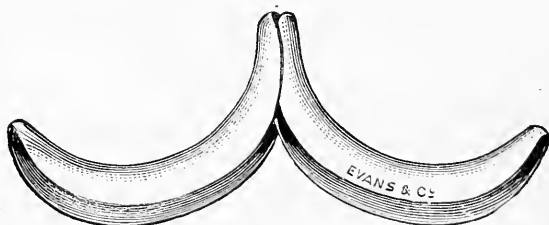


Fig. 608.

Barnes's Improved Neugebauer's Speculum, Plated (Fig. 608)	...	...	...	...	...	...	1	13	0
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This Speculum consists of two distinct parts, which may be introduced conjointly or separately. The upper blade slides within the upper edge of the lower, and can be moved so as to increase the view of the Os Uteri and dilate the Vaginal Passage at discretion.

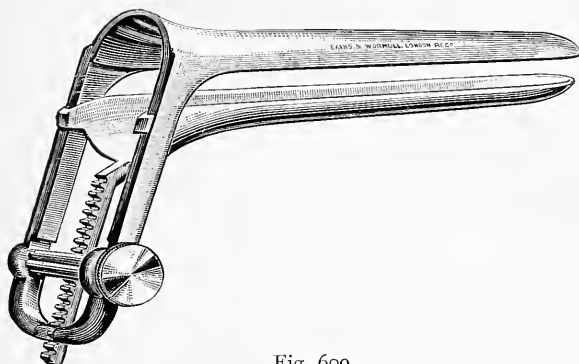


Fig. 609.

	£	s.	d.
Evans & Wormull's Improved Speculum (Fig. 609) ...	1	1	0

"Contains no hinge or joint, being composed of two valves and a coggled bar, which can be taken apart and properly cleaned with great ease and celerity. The two valves form the sides of a cone, by which the light is better conducted. This Speculum is of special value when there is much sensibility, on account of its small size when closed. Both ends separate equally when opened, and if required as a self-retaining instrument it is made with a curved rack and handle, which cause the inner ends to expand further than the outer."—*See Report in "British Medical Journal," by FREDERICK A. FLOYER, M.B. Cantab., 19th November, 1887.*

Labia Speculum, Plated ... ..	0	10	6
Hogan's Dilator ... ..	1	1	0
" " with Spare Blades, in Case ... ..	1	10	0



Fig. 610.

Sims' Forceps for introducing Sponge Tents (Fig. 610) ...	0	14	0
" " " " " " with Bows and Rack ... ..	0	8	6



Fig. 611.

Three-pronged Sponge, Lint, or Wool Holder (Fig. 611) ...	0	7	6
Sims' Sponge-holders ... ..	2s.	6d.	and
Lund's " " ... ..	0	4	0
	0	6	6

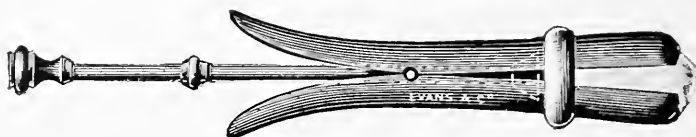


Fig. 612.

	£	s.	d.
Barnes's Instrument for introducing Pledgets of Cotton Wool into the Vagina (Fig. 612) ... ..	0	10	6
Godson's Instrument for introducing Pledgets of Cotton Wool into the Vagina... ..	0	15	0
Matthew Duncan's Instrument for applying Ointment to the Uterus ... ..	0	15	0



Fig. 613.

Sponge Tent-holder, for Dilating the Os Uteri (Fig. 613)	0	5	6
Sponge Tents, Antiseptic ... .. per doz.	0	7	6
Greenhalgh's Sea Tangle Tents ... ..	0	7	6
Solid ... ..	0	4	6
Wiltshire's Combined Sponge, and Sea Tangle Tents ..	0	8	0
Matthew Duncan's Improved Sea Tangle Tents... each	0	1	6



Fig. 614.

Godson's Sponge, and Laminaria Tent Introducer, with Three-jointed ends (Fig. 614) ... ..	1	2	0
Bantock's Tent Introducer... ..	0	4	6
Barnes's ... ..	0	15	0
Bozeman's ... ..	0	10	6
Chambers' ... ..	0	10	6

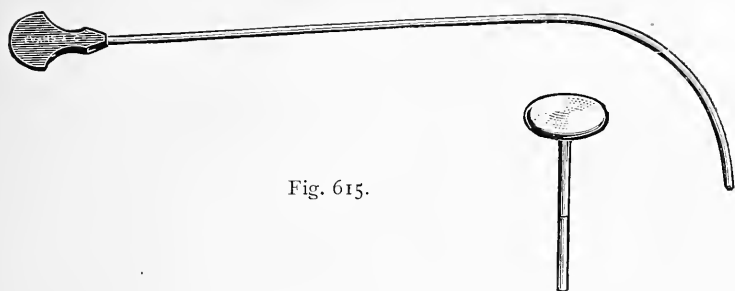


Fig. 615.

	$\mathcal{L}$	<i>s.</i>	<i>d.</i>
Simpson's Galvanic Uterine Stem, and Introducer (Fig. 615)     ...    ...       ...      ...      ...	o	10	o
Simpson's Spiral Galvanic Uterine Stem    ...          ...	o	6	6
Soft Rubber Uterine Stem...                    ...          ...	o	3	6
Williams' Intra Uterine Stem, with Introducer    ...          ...	o	6	6
Wright's       "           "           "           "           "	o	12	6

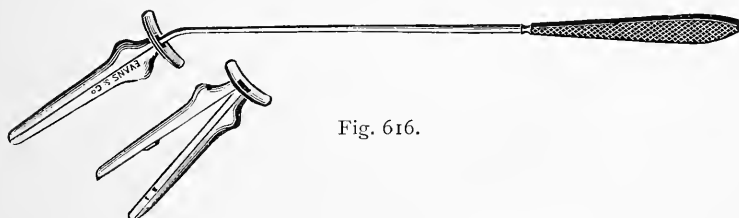


Fig. 616.

Boulton's Expanding Metal Uterine Stem, and Introducer (Fig. 616)	...	...	...	...	...	o	10	6
Barnes's Galvanic Intra Uterine Stem	...	...	...	...	...	o	6	6
Bantock's	"	"	"	and Introducer	...	o	8	6
Chambers'	"	"	"	"	...	o	8	6
Buck's Forceps for Dilating the Os Uteri	...	...	...	...	...	I	15	o
Evans & Wormull's Forceps, with Parallel Blades for Dilating the Os Uteri	...	...	...	...	...	I	I	o



Fig. 617.

Greenhalgh's Vulcanite Stem, and Introducer, for Dilata-									
tion (Fig. 617)...	...	...	...	...	...	o	4	o	
Greenhalgh's Intra Uterine Stem, Flexible Indiarubber									
3s. and						o	3	6	

	£	s.	d.
Greenhalgh's Intra Uterine Stem, Perforated Vulcanite...	0	3	0
Godson's                   "                   "                   Flexible Indiarubber	0	4	6
"                   "                   Aluminum ...	0	10	0
Chambers' Uterine Stem, and Introducer...	0	9	6

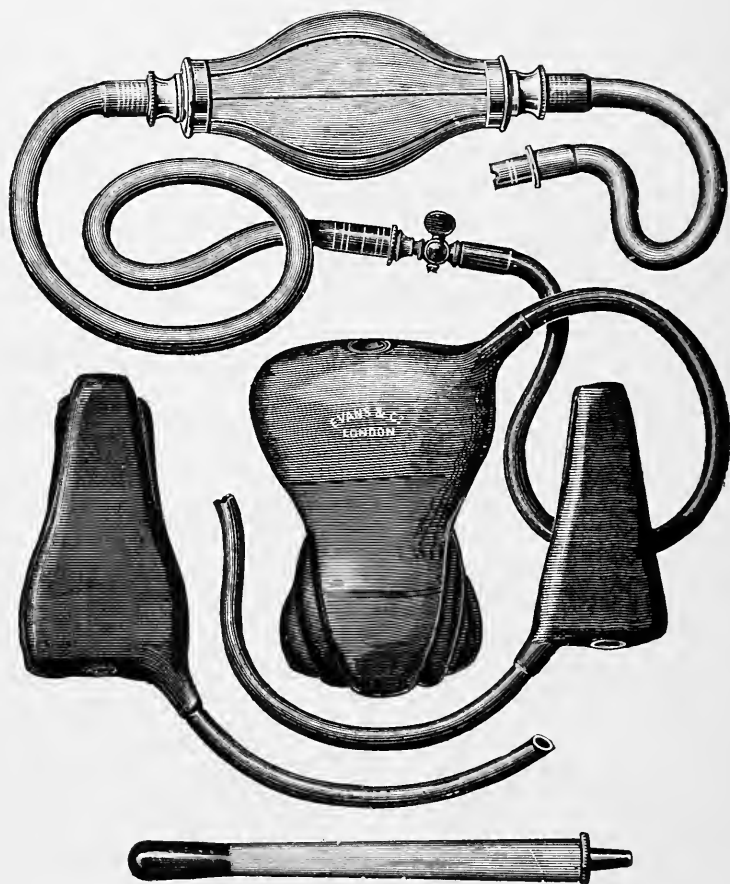


Fig. 618.

Barnes's set of Three Hydrostatic Bags, with Stopcocks  
and Uterine Tube, fitted to Higginson's Syringe,  
in Case (Fig. 618) ... ..

1 5 0



Fig. 619.

						£	s.	d.
Priestley's Uterine Dilator (Fig. 619)	...	...	...	...	...	2	2	0
Greenhalgh's „ „	...	...	...	...	...	2	2	0
Tait's „ „	...	...	...	...	...	0	10	0
Balls' „ „	...	...	...	...	...	2	5	0
Heywood Smith's Dilating Sound	...	...	...	...	...	0	5	6

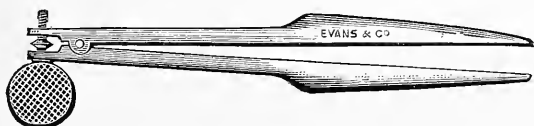


Fig. 620.

Simpson's Urethra Dilator (Fig. 620)	...	...	...	0	10	6
Bryant's „ „ set of Three, Ivory	...	...	...	0	15	0
Sims' Vaginal Dilator, Glass	...	...	...	0	1	6

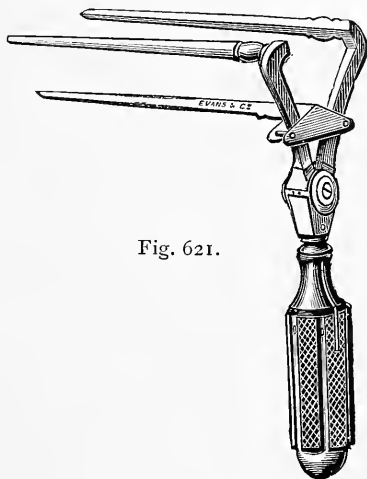


Fig. 621.

Three-bladed Urethra Dilator (Fig. 621)	...	...	...	2	10	0
				0	2	



Fig. 622.

				£	s.	d.
Simpson's Uterine Dilator (Fig. 622)	...	...	...	0	18	0
Sims'	"	"	...	2	5	0
Hegar's set of 25 Uterine Dilators, in Case	...	...	...	3	3	0
MacNaughton Jones' set of 13 Uterine Dilators, in Case	...	...	...	2	8	0
Godson's Uterine Dilators, in Case, complete per set	...	...	...	4	4	0



Fig. 623.

Sims' Double-ended Uterine Depressor, Plated (Fig. 623)	...	...	...	0	6	6
" Uterine Depressor, in Ebony Handle	...	...	...	0	7	0
Thomas's "	"	"	"	...	7	0

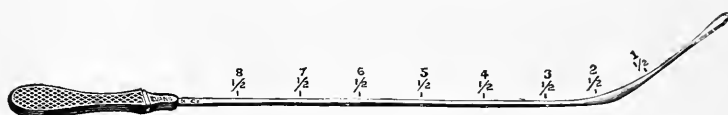


Fig. 624.

Simpson's Uterine Sound (Fig. 624)	...	...	...	0	7	0
Barnes's "	"	"	...	...	5	6
Matthew Duncan's Uterine Sounds, of sizes, Plated	...	...	...	0	7	6



Fig. 625.

Sims' Flexible Whalebone Sound (Fig. 625)	...	...	...	0	3	6
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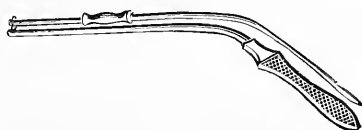
Fig. 626.

Sims' Malleable Metal Sound (Fig. 626)	...	...	...	0	5	6
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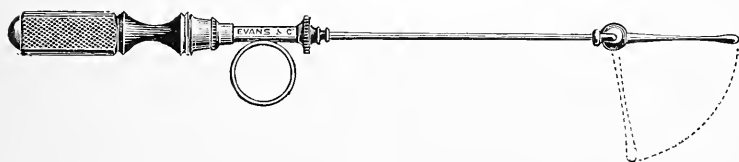




			$\mathcal{L}$	<i>s.</i>	<i>d.</i>
Aveling's Double Uterine Sound (Fig. 627)	...	...	0	5	0
Protheroe Smith's " " " " " "	...	...	0	12	6



Simpson's Uterine Sound, Folding (Fig. 628)	...	...	o	10	o
Heywood Smith's Uterine Sound ...	...	...	o	7	o
" " " " Folding	...	...	o	10	o
" " " " " with Curette	...	...	o	10	o



Marion Sims' Uterine Sound, with Ball Movement and Spring, to fix it at any angle (Fig. 629)	...	...	I	I	o
Jennison's Exploring, and Indicating Sound	...	...	o	15	o
Combined Uterine Sound and Syringe	...	...	I	I	o
Sims' Uterine Curette, sharp or blunt	...	...	o	8	6
" " " " " with Flexible Stem			o	8	6



Sims' Uterine Curette, for fixing at any angle (Fig. 630)	o 16	o
Thomas's Curette ... ..	o 8	6



Fig. 631.

						£	s.	d.
Double-ended sharp Curette (Fig. 631)	...	...	...	...	...	0	9	0
Recamièr's Curette	...	...	...	...	...	0	8	0
Simpson's	„	...	...	...	...	0	10	6
Blake's	„	...	...	...	...	0	10	0



Fig. 632.

Lichtenberg's Double-ended Sharp Scoop (Fig. 632)	...	...	...	...	...	0	7	6
Simon's Sharp Scoop, Oval or Round	...	...	...	...	...	0	8	6
Volkman's „ „	...	...	...	...	...	0	8	6

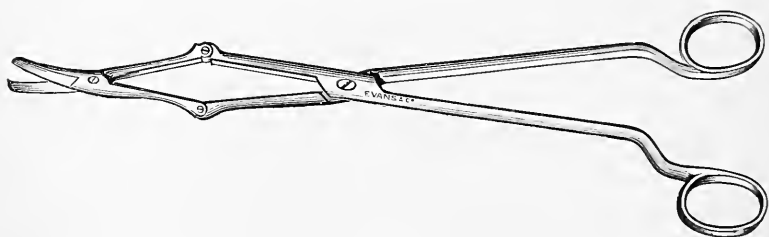


Fig. 633.

Double-jointed Uterine Scissors (Fig. 633)	...	...	...	1	5	0
Heywood Smith's Jointed Scissors	...	...	...	2	2	0

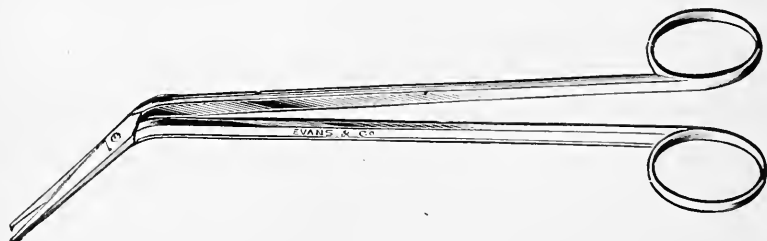


Fig. 634.

Marion Sims' Uterine Scissors, Curved on Flat (Fig. 634)	...	...	...	0	10	6
Straight, Sharp, or Blunt-pointed Uterine Scissors	...	...	...	0	8	6

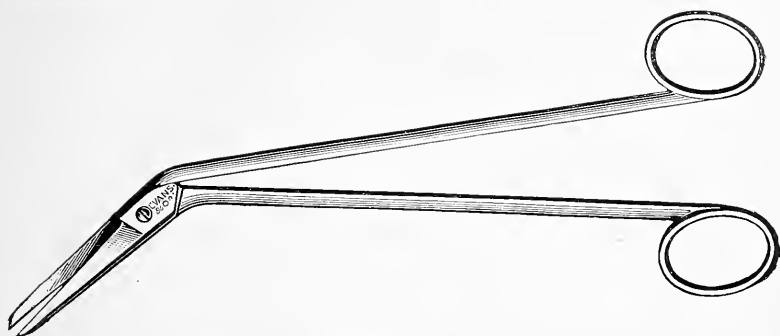


Fig. 635.

			£	s.	d.
Marion Sims' Angular Uterine Scissors (Fig. 635)	...	...	0	15	0
Bozeman's Double-curved Scissors	...	...	0	10	6

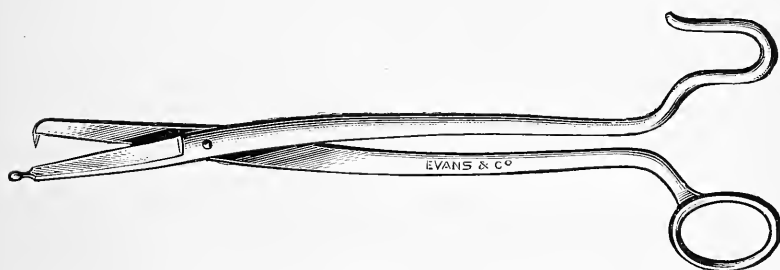


Fig. 636.

Kuchenmeister's Scissors (Fig. 636)	...	...	...	0	15	0
Emmett's Curved Scissors, Right or Left	...	...	...	0	15	0
„ Straight „	...	...	...	0	12	6

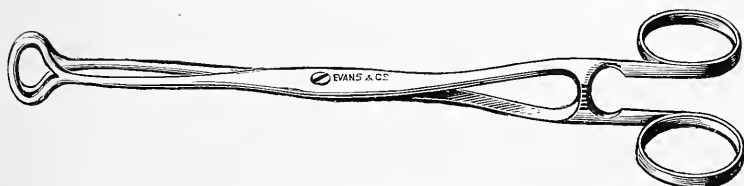


Fig. 637.

Forceps, Uterine Polypus, with Rack (Fig. 637)...	...	...	...	0	15	0
„ „ „ McClintock's	...	...	...	0	15	0
„ „ „ Godson's	...	...	...	1	1	0



Fig. 638.

						£	s.	d.
Forceps, Uterine Polypus, Straight or Curved (Fig. 638)	...	...	...	...	...	0	9	6
" " " Matthew Duncan's	...	...	...	...	...	0	15	0
" " " Greenhalgh's	...	...	...	...	...	0	17	0



Fig. 639.

Forceps, Speculum (Fig. 639)	...	...	...	...	...	0	8	6
" " with Cross Action	...	...	...	...	...	0	15	0
" " Whitehead's	...	...	...	...	...	0	9	0

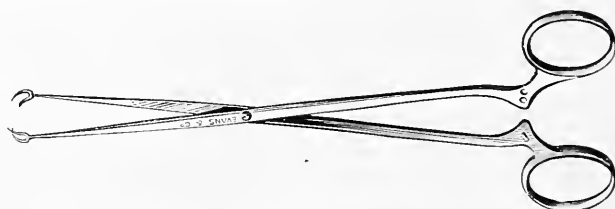


Fig. 640.

Forceps, Vulsellum, Straight or Curved (Fig. 640)	...	...	...	...	...	0	10	6
" " Kidd's	...	...	...	...	...	0	10	6
" " Straight	...	...	...	...	...	0	7	6
" " Hegar's	...	...	...	...	...	0	10	6
" " Matthew Duncan's	...	...	...	...	...	1	1	0



Fig. 641.

Forceps, Needle-holding (Fig. 641)	...	...	...	...	...	0	7	6
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					£	s.	d.
Forceps, Needle-holding, Sims'	...	...	...	...	0	8	6
" " " Luer's	...	...	...	...	0	8	6

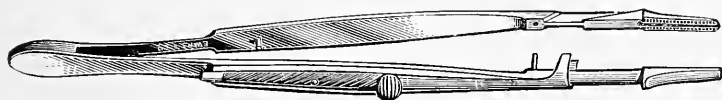


Fig. 642.

Forceps, Spring Needle-holding and Torsion (Fig. 642)...	0	15	0
" " " " " Sims', with " Round Mouths	...	0	15



Fig. 643.

Canula Needle-holder (Fig. 643) ...	0	17	0
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Fig. 644.

Sims' Needle-holder (Fig. 644) ...	0	18	0
" " " Improved ...	1	16	0
Hagedon's Needle-holder, in Three sizes ...	2 15.	to	1 5

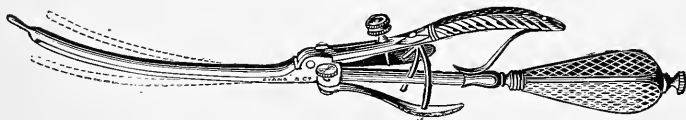


Fig. 645.

Dupuytren's Double-bladed Hysterotome (Fig. 645) ...	3	5	0
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Fig. 646.

Greenhalgh's Hysterotome (Fig. 646) ...	3	3	0
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Fig. 647.

	£	s.	d.
Routh's Hysterotome (Fig. 647) ... ..	2	2	0
„ Modification of Greenhalgh's Hysterotome ...	3	3	0



Fig. 648.

Simpson's Hysterotome (Fig. 648) ... ..	1	10	0
„ „ Double-bladed ... ..	2	15	0



Fig. 649.

Sims' Hysterotome (Fig. 649) ... ..	2	2	0
„ Metrotome and Needle-holder Combined ... ..	1	15	0
„ Vesico Vagina Fistula Knives, Straight and Angular, Sharp or Round-pointed ... .. 5s. 6d. and	0	8	0



Fig. 650.

Sims' Scarifying Knife and Holder, can be fixed at any angle (Fig. 650) ... ..	1	1	0
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Fig. 651.

Scarifying Lancet (Fig. 651) ... ..	0	5	6
„ „ Hall's ... ..	0	5	0
„ „ Palfrey's... ..	0	5	0
Uterine Depletor, Hall's ... ..	0	5	6
„ „ Lancet-shaped ... ..	0	5	6

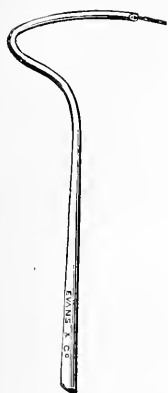


Fig. 652.

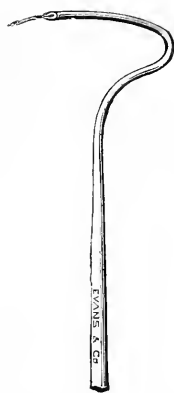


Fig. 653.

	£	s.	d.
Vagina Fistula Needles, in Handles, Curved Right or Left (Figs. 652 and 653) ... each	0	8	6
Protheroe Smith's Ruptured Perinæum Needle ...	0	8	6
Barnes's ...	0	6	0
Smith's set of Six "Self-threading" Tubular Needles, of various Curves, with Wire Carrier, in Case, complete	2	15	0
Simpson's Uterine Hooks, various Curves ... each	0	4	0
Sims' " " Blunt and Sharp " "	0	4	0



Fig. 654.

Sims' Tenaculum (Fig. 654) ...	0	4	0
" Protected Hook ...	1	1	0
Ellis's Spring Uterine Hook ...	0	8	0
Chambers' Guarded Tenaculum ...	1	5	0



Fig. 655.

Sims' Wire Adjuster (Fig. 655) ...	0	5	6
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Fig. 656.

Sims' Angular Wire Adjuster (Fig. 656) ...	0	5	6
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Fig. 657.

					£	s.	d.
Sims' Wire Twister (Fig. 657)	...	...	...	...	0	5	0
Simpson's Wire Adjuster	...	...	...	...	0	5	0

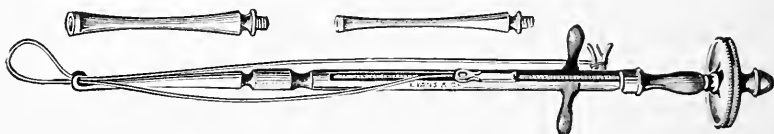


Fig. 658.

Braxton Hicks' Wire-rope Ecraseur, with Three Movable Ends of various sizes (Fig. 658)	...	...	...	...	3	3	0
Atthill's Ecraseur	...	...	...	...	3	3	0

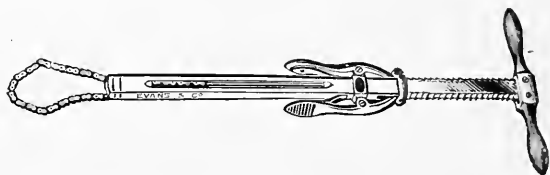


Fig. 659.

Chassaignac's Small Straight Ecraseur (Fig. 659)	...	2	2	0
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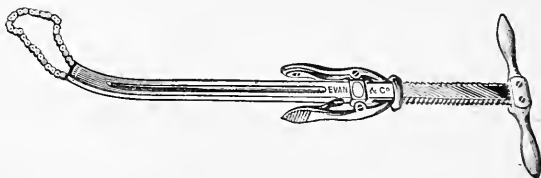


Fig. 660.

Chassaignac's Small Curved Ecraseur (Fig. 660)...	...	2	10	0
Collins's Forceps Ecraseur...	...	2	10	0

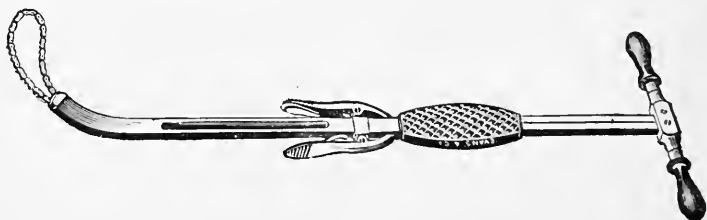


Fig. 661.

Chassaignac's Large Curved Ecraseur (Fig. 661)	...	3	18	0
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Fig. 662.

				£	s.	d.
Chassaignac's Large Straight Ecraseur (Fig. 662)	...	...	...	3	0	0
Edwards' Curved Ecraseur...	...	...	...	2	18	0



Fig. 663.

Maisonneuve's Chain Ecraseur (Fig. 663)	...	...	...	3	3	0
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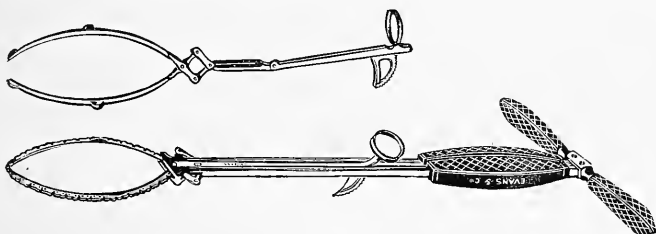


Fig. 664.

Marion Sims' Ecraseur (Fig. 664)	...	...	...	5	0	0
Meadow's Wire-loop Ecraseur	...	...	...	1	10	0

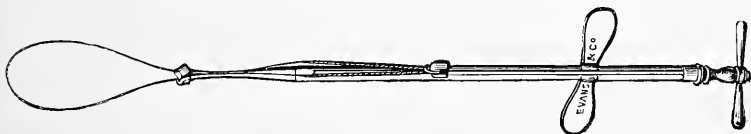
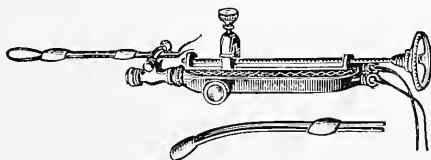


Fig. 665.

Heywood Smith's Ecraseur (Fig. 665)	...	...	...	3	3	0
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Figs. 666, 667.

Galvano-cautery Ecraseur, Straight and Curved, with Platinum Wire, in Case, complete (Figs. 666, 667)...	4	10	0
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						£	s.	d.
Serre-Nœud, Koeberle's	...	...	...	...	...	1	5	0
" " Godson's	...	...	...	...	...	1	7	6
" " Cintrat's, with Movable End	...	...	...	...	...	1	10	0
Polyptrite, Aveling's	...	...	...	...	...	2	0	0
Polyprome, Simpson's	...	...	...	...	...	0	15	0



Fig. 668.

Smith's Caustic-holder (Fig. 668)	...	...	...	...	0	14	0
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Fig. 669.

Silver-gilt Caustic-holder, in long Handle (Fig. 669)	...	0	7	6
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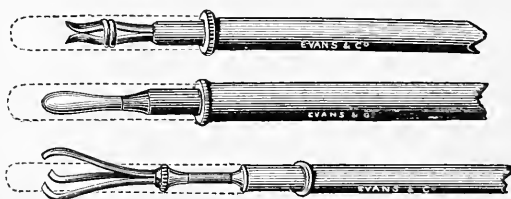


Fig. 670.

Combined Caustic- and Sponge-holder, with Uterine Scarifier, in Case complete (Fig. 670)	...	...	1	1	0
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Fig. 671.

Lallemand's Porte Caustic (Fig. 671)	...	...	...	1	7	0
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Fig. 672.

						£	s.	d.
Ointment Introducer (Fig. 672)	...	...	...	...	...	0	12	6
Barnes's Ointment Introducer, Silver	...	...	...	...	...	1	1	0
„ Sulphate of Zinc Introducer, Silver	...	...	...	...	...	1	1	0
Peaslee's Caustic	„	...	...	...	...	0	14	0
Atthill's Nitric Acid	„	Silver	...	...	...	1	15	0
„ „ „	„	Vulcanite	...	...	...	0	4	6
Barnes's „ „ „	„	„	...	...	...	0	8	6

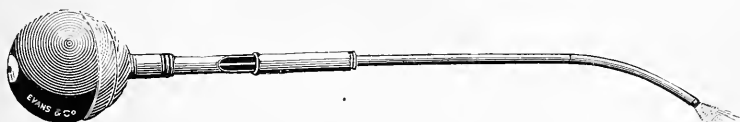


Fig. 673.

Clay's Uterine Insufflator (Fig. 673)	...	...	...	...	...	1	5	0
Ostlere's Uterine Douche, Electro-plated	...	...	...	...	...	0	18	0
„ „ „ Silver	...	...	...	...	...	1	10	0
Hayes' „ „ „	„	„	„	...	...	1	5	0



Fig. 674.

Barnes's Intra Uterine Syringe, in Case, complete (Fig. 674)	...	...	...	...	...	...	0	10	6
Braun's Intra Uterine Syringe, in Case, complete...	...	...	...	...	...	...	0	10	6
Sims' „ „ „	„	„	„	„	„	...	0	15	0
Simpson's „ „ „ and Sound combined	„	„	„	„	„	...	1	1	0

					£	s.	d.
Cotton Wool Introducers, Sims'	...	...	...	...	0	4	0
„ „ Removers, Sims' Corkscrew	...	...	...	...	0	5	0



Fig. 675.

Aveling's Tampon Introducer	...	...	...	...	0	2	0
Barnes's „ „ (Fig. 675)...	...	...	...	...	0	10	6
Godson's „ „	...	...	...	...	0	15	0

Set of Uterine Instruments in Leather Case, containing :—

Caustic Holder, with Silver Crayon ; Sponge Holder, Simpson's, and Playfair's, Probes : and Scarifier, fitting into Quill, or Propelling, Handle ... 2 2 0

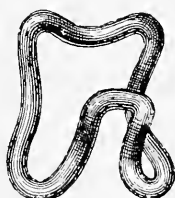


Fig. 676.



Fig. 677.

Blackbee's Self-adjusting Pessary (Fig. 676)	...	...	...	...	0	4	0
Barnes's Pessary for Anteversion	...	...	...	...	0	5	6
Barr's „	...	...	...	...	0	4	0
Buttle's „	...	...	...	...	0	4	0
Boxwood Pessaries, in various sizes, and shapes, Flat, Circular, Oval, Globular, &c. (Fig. 677)	...	1s. and	...	...	0	1	6
Clay's Pessary, with Band	...	...	...	...	0	15	0
Cutter's Ring Pessary, with Band	...	...	...	...	0	8	6
Coghill's Pessary	...	...	...	...	0	3	0
Celluloid Pessaries	...	...	...	...	0	2	0



Fig. 678.

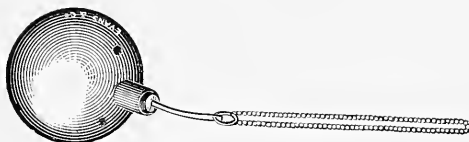


Fig. 679.

	Fig. 678.	Fig. 679.	£	s.	d.
Day's Vulcanite Pessary (Fig. 678)	...	...	0	4	6
Duffin's Pessary	...	...	0	6	6
Evans & Wormull's Improved Metallic Pessary (Fig. 679)			0	12	0



Fig. 68o.

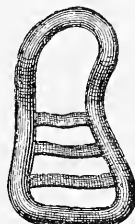


Fig. 681.

Fowler's Pessary (Fig. 68o)	...	...	...	...	o	7	o
Greenhalgh's Elastic Spring Pessary	...	...	...	...	o	2	o
" " " " " " " "	with Three Bars.	Of six sizes (Fig. 68r)	"	...	each	o	2
Greenhalgh's Elastic Pessary, with Air Pads	...	...	...	...	o	5	o
" " " " " " " "	Glycerine Pad	...	...	...	o	5	o
Galabin's Pessary for Anteversion...	...	...	...	...	o	5	o
" " " " " " " "	for Prolapsus	...	...	...	o	2	6
Godson's " Perforated, with Band	...	...	...	...	o	12	6

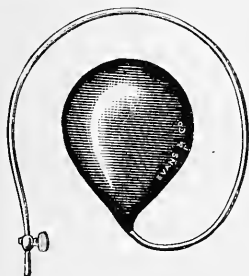


Fig. 682.



Fig. 683.

Gabriel's Inflating Pear-shaped Pessary (Fig. 682)	...	o	5	o
Round " " " "	...	o	5	o
Inflating Pump for Pessary (Fig. 683)	...	o	3	o

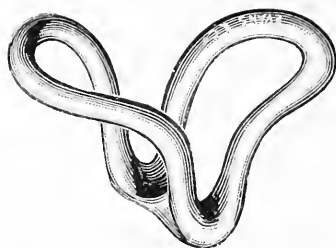


Fig. 684.

				£	s.	d.
Hewitt's Cradle Pessary (Fig. 684)	...	...	...	0	4	0



Fig. 685.

Hewitt's Malleable Ring Pessary (Fig. 685)	...	...	...	0	1	0
„ Pessary, covered with India-rubber	...	...	...	0	2	0
„ Stem Pessary	...	...	...	0	4	0



Fig. 686.



Fig. 687.

Hodge's Pessary, covered with Soft India-rubber (Fig. 686)	...	...	...	0	1	6
„ „ in Vulcanite	...	...	...	0	2	0
„ „ „ with Bars...	...	...	...	0	2	6
„ „ in Aluminium	...	...	...	0	10	0
„ „ Horseshoe Shape (Fig. 687)	...	...	...	0	2	0
Hick's „ Malleable Metal Centre, covered with India-rubber	...	...	...	0	2	6
Hick's Pessary, Vulcanite	...	...	...	0	3	0

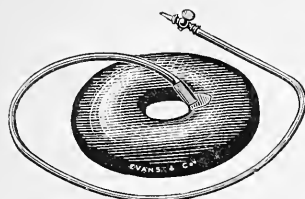


Fig. 688.



Fig. 689.

			£	s.	d.
Indiarubber Inflating Pessary (Fig. 688) ...	...	...	0	5	0
Livingstone's Pessary ...	...	...	0	6	0
Meadow's „ ...	...	...	0	7	6
Meig's „ ...	...	...	0	2	6
Matthew Duncan's Prolapsus Pessary ...	...	...	0	1	6
Napier's Soft Rubber Pessary, with Band...	...	...	0	7	6
Oval Elastic Gum Pessary (Fig. 689) ...	...	...	0	3	0



Fig. 690.



Fig. 691.

Oval Elastic Gum Pessary (Fig. 690) ...	...	...	0	2	6
„ Vulcanite „ ...	...	...	0	3	0
Circular Elastic Gum „ ...	...	...	0	2	6
Potts's Stem Pessary, with Band ...	...	...	0	15	0
Priestley's „ for Retroversion ...	...	...	0	6	6
Playfair's Anteversion Pessary ...	...	...	0	2	6
Pear-shaped Elastic Gum Pessary (Fig. 691) ...	...	...	0	2	6
Richardson's Pessary ...	...	...	0	15	0

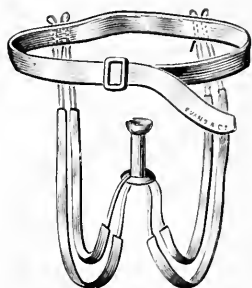


Fig. 692.

					£	s.	d.
Schofield's Pessary (Fig. 692)	...	...	...	...	0	4	0
" " and Belt	...	...	...	...	0	7	6
Skinner's " ...	...	...	...	...	0	4	6



Fig. 693.

Simpson's Pessary (Fig. 693)	...	...	...	...	0	16	0
Thomas's Anteversion Pessary	...	...	3s. 6d. and	...	0	5	0
" Anteflexion "	...	...	4s. 6d. "	...	0	5	6
" Retroversion "	...	...	...	...	0	4	0
" Prolapsus "	...	...	...	...	0	2	6
Watch-spring Pessary	...	...	...	...	0	2	6
" " " with Perforated Septum	...	...	...	...	0	3	0
Wells's Gutta-percha Pessary	...	...	...	...	0	2	6



Fig. 694.

Vullick's Pessary (Fig. 694)	...	...	...	...	0	4	0
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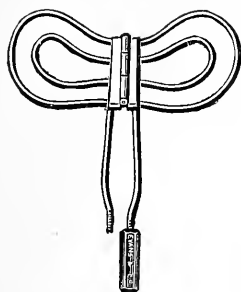


Fig. 695.

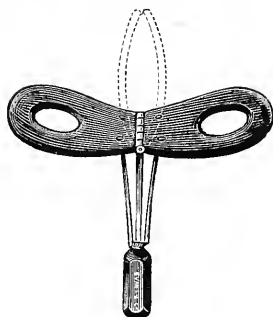


Fig. 696.

		£	s.	d.
Zwanke's Metallic Pessary, modified by Godson (Fig. 695)		0	4	0
" Expanding Pessary, with Screw (Fig. 696)	...	0	5	0
" " " German Silver	...	0	7	6

## OVARIOTOMY INSTRUMENTS.

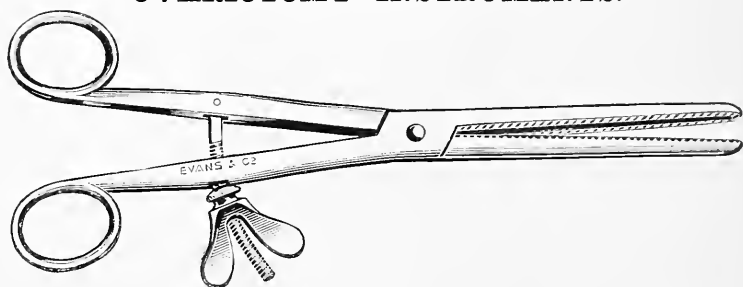


Fig. 697.

	£	s.	d.
Spencer Wells's Large Clamp Forceps (Fig. 697)...	1	5	0

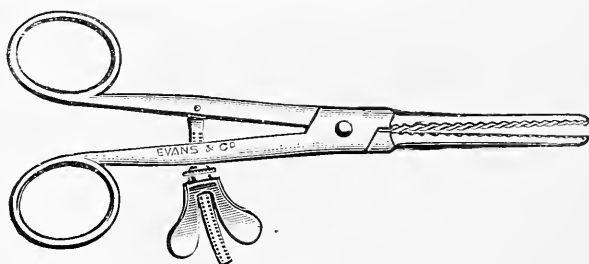


Fig. 698.

Spencer Wells's Small Clamp Forceps (Fig. 698)	0	15	0
Baker Brown's Cautery Clamp	1	17	6

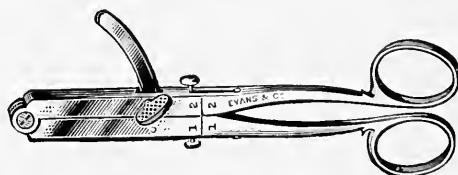


Fig. 699.

Hutchinson's Clamp Forceps (Fig. 699)	1	10	0
Dawson's Pedicle Clamp	1	7	6
Thomas's	1	5	0
Lloyd Roberts's	2	10	0





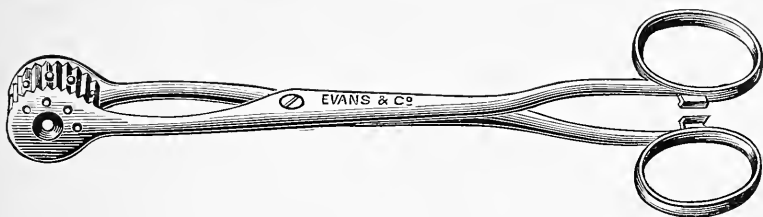


Fig. 706.

				£	s.	d.
Nelaton's Cyst Forceps (Fig. 706)	...	...	...	0	14	0
Spencer Wells's Cyst Forceps, Straight	...	...	...	0	10	6
"    "    "    "    Angular	...	...	...	0	12	0
Sydney Jones's	...	...	...	1	1	0

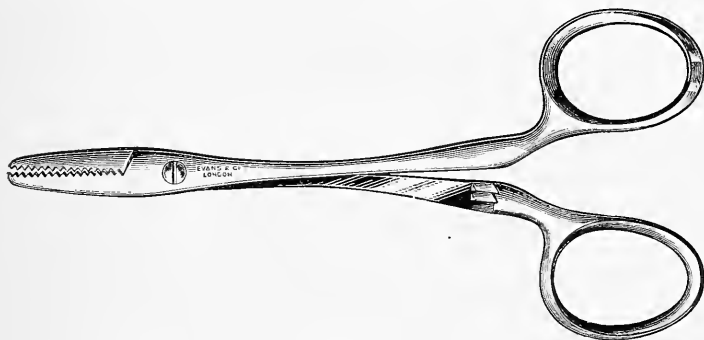


Fig. 707.

Spencer Wells's Compression Forceps, Nickel-plated (Fig. 707)	...	...	...	...	0	6	0
Thornton's Torsion Forceps	...	...	...	...	0	9	6
Spencer Wells's Needle-holding Forceps	...	...	...	...	0	7	6
Pean's Compression Forceps	...	...	...	...	0	7	6



Fig. 708.

Keith's Drainage Tubes (Fig. 708)	...	...	...	0	1	6
Koeberle's " " " "	...	...	...	0	1	6
Spencer Wells's Ascites Drainage Tube	...	...	...	0	15	0
Lawson Tait's " " " "	...	...	...	0	15	0
Godson's Pedicle Needle	...	...	...	0	5	0
Spencer Wells's Pedicle Needle	...	...	...	0	6	0

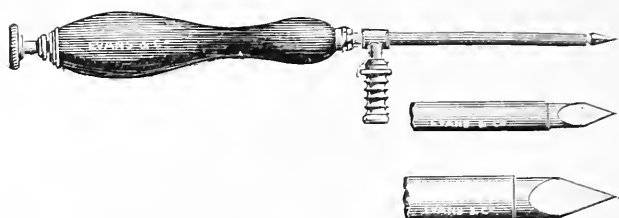


Fig. 709.

	£	s.	d.
Spencer Wells's large Trocar, with Side Branch (Fig. 709)	1	7	6
"    "    medium    "    "    "    "    "	1	3	0
"    "    small    "    "    "    "    "	0	17	0
Bryant's Trocar ... ..	2	5	0



Fig. 710.

Hutchinson's Trocar (Fig. 710) ... ..	1	8	0
Spencer Wells's " ... ..	1	5	0
Lawson Tait's " ... ..	3	3	0
Long Exploring Trocar and Silver Canula ... ..	0	8	6

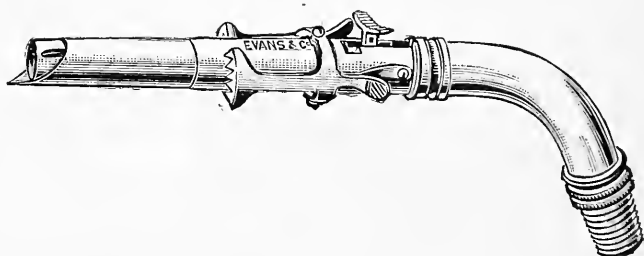
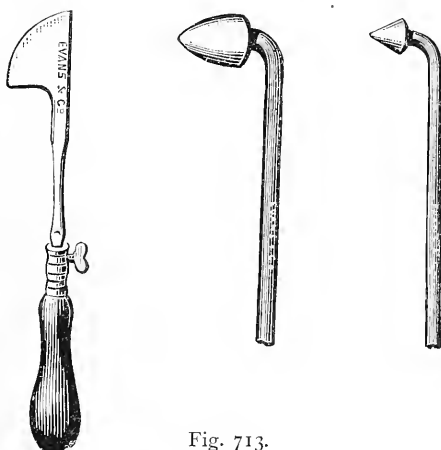


Fig. 711.

Spencer Wells's Trocar, with Hooks for securing the Cyst (Fig 711) ... ..	2	5	0
Fitch's Syphon Trocar, with Guarded Inner Canula ... ..	2	10	0
Lloyd Roberts's Trocar ... ..	2	2	0
Cintrat's Serre-Nœud ... ..	1	10	0
Koeberle's " " ... ..	1	5	0



Cautery Irons, various sizes, and shapes (Fig. 712)	each	£	s.	d.
		0	4	6



Cautery Irons, Set of Three, in Case, complete (Fig. 713)	o	15	o
Ovariectomy Belt ... ..	o	15	o
"    Wristlets ... ..	o	15	o
Carbolized Catgut, per bottle ... ..	1s. to	o	5

## RECTUM INSTRUMENTS.

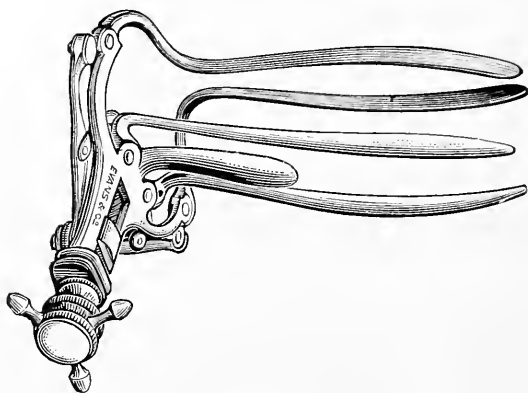


Fig. 714.

Allingham's Four-bladed Speculum (Fig. 714) ...	£	s.	d.
	3	3	0

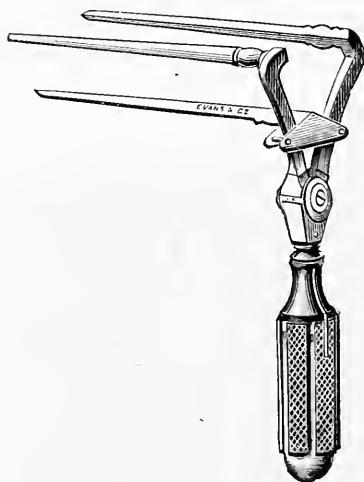


Fig. 715.

Three-bladed Rectum Dilator (Fig. 715) ...	...	...	2	10	0
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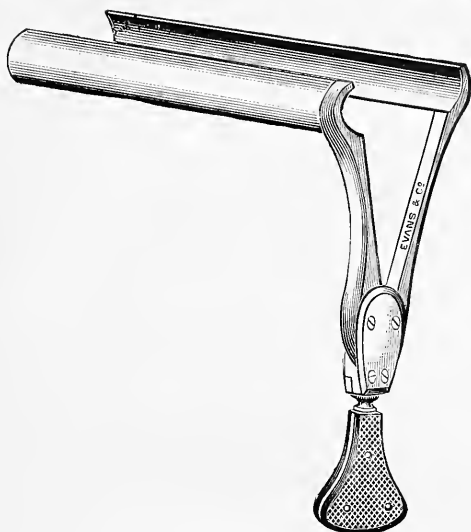


Fig. 716.

				£	s.	d.
Two-bladed Parallel Speculum (Fig. 716)...	...	...	...	1	15	0
Bodenhamer's Rectum Speculum ...	...	...	...	0	15	0
Ricord's                   "                   " ...	...	...	...	0	15	0
Davey's Wire Speculum ...	...	...	...	0	10	6

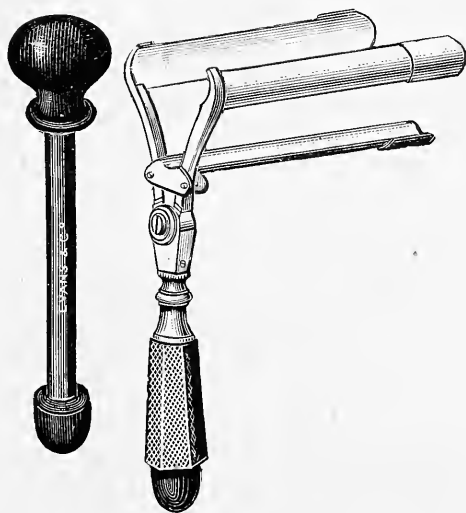


Fig. 717.

Three-bladed Rectum Speculum, with Plug (Fig. 717) ...	2	10	0
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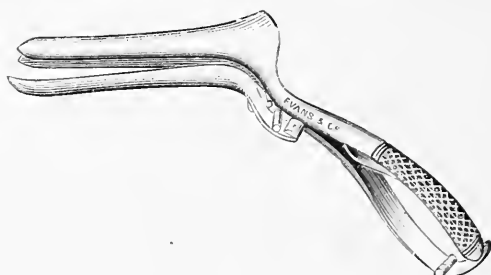


Fig. 718.

		£	s.	d.
Lane's Three-bladed Speculum (Fig. 718)	...	2	10	0
Speculum for applying Iced Water to the Rectum	...	1	10	0
Bryant's Rectum Speculum	...	1	8	0



Fig. 719.



Fig. 720.

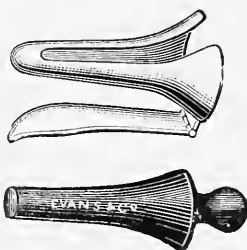


Fig. 721.



Fig. 722.

Allingham's Rectum Speculum, with Plug (Fig. 719)	...	0	12	6
Fergusson's Silvered Glass Speculum, covered with Elastic Gum, different shapes, and sizes (Fig. 720)	...	0	4	0
Hilton's Silver-plated Speculum, with Plug (Fig. 721)	...	0	15	0
Fergusson's Rectum Speculum (Fig. 722)	...	0	12	0
Curling's Rectum Speculum	...	0	16	6
Reeves's	...	1	17	6



Fig. 723.

Todd's Rectum Dilator (Fig. 723)	...	2	2	0
Durham's	...	2	2	0

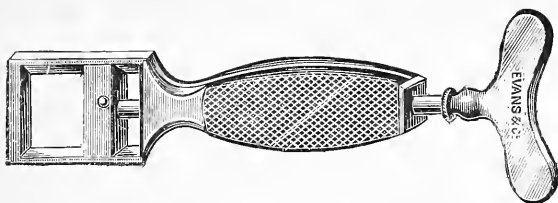


Fig. 724.

			£	s.	d.
Allingham's Screw Pile Clamps (Fig. 724)	...	...	2	2	0
Bryant's Pile Clamp	...	...	1	5	0

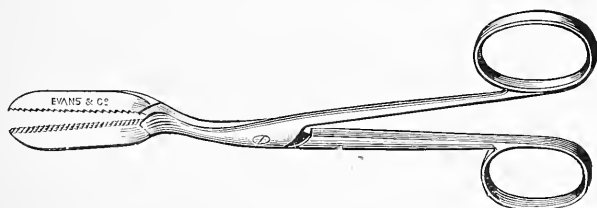


Fig. 725.

Curling's Pile Clamps (Fig. 725)	...	...	...	0	8	6
Gowlland's „	„	...	...	1	5	0
Lee's „	„	...	...	1	5	0

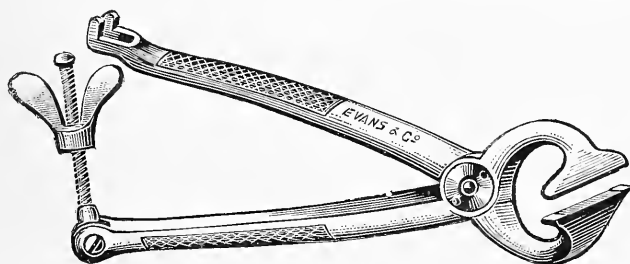


Fig. 726.

Benham's Pile Clamps (Fig. 726)	...	...	...	1	15	0
Pollock's „	„	...	...	1	15	0

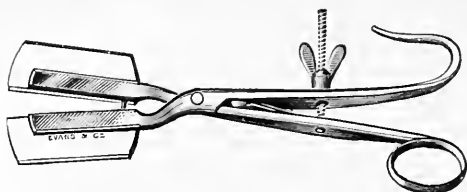


Fig. 727.

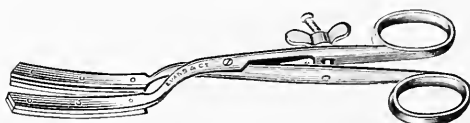


Fig. 728.

					£	s.	d.
Smith's Pile Clamps (Fig. 727)	...	...	...	...	1	5	0
" " " (Fig. 728)	...	...	...	...	1	1	0
Sydney Jones's Pile Clamps	...	...	...	...	1	5	0

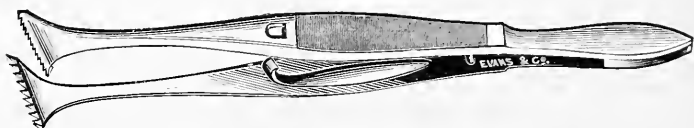


Fig. 729.

Spring Pile Forceps (Fig. 729)	...	...	...	...	0	10	6
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Fig. 730.

Spring Pile Forceps, with Sliding Catch (Fig. 730)	...	...	...	...	0	15	0
Cripps's „ „ „ „ „ „	...	...	...	...	0	17	6
Wilcox's „ „ „ „ „ „	...	...	...	...	0	12	6



Fig. 731.

Angular Pile Forceps (Fig. 731)	...	...	...	...	0	15	0
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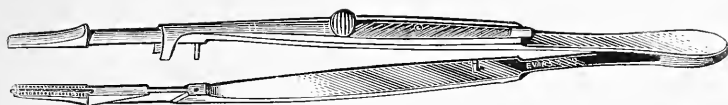


Fig. 732.

					£	s.	d.
Straight Pile Forceps (Fig. 732)	...	...	...	...	0	15	0

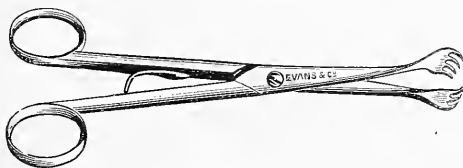


Fig. 733.

Curling's Pile Forceps (Fig. 733)	...	...	...	...	0	15	0
Bryant's „ „	...	...	...	...	0	10	6
Marshall's „ „	...	...	...	7s. 6d. and	0	10	6

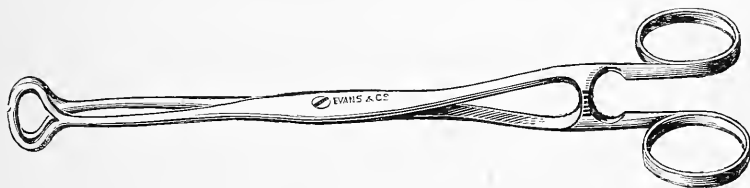


Fig. 734.

Fenestrated Pile Forceps, with Grooved Mouth (Fig. 734)	...	...	...	...	0	15	0
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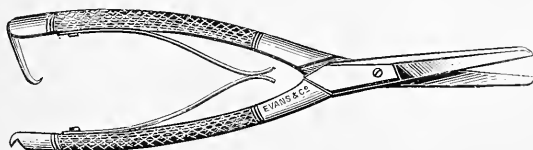


Fig. 735.

Salmon's Pile Scissors (Fig. 735)	...	...	...	...	0	15	0
Allingham's „ „	...	...	...	...	0	15	0
„ „ „ with Director	...	...	...	...	1	5	0
Reeve's Serrated Pile Scissors	...	...	...	...	0	8	6



Fig. 736.

							ℓ	s.	d.
Brodie's Fistula Director (Fig. 736)	...	...	...	...	...	...	0	8	6
Curling's „ „	...	...	...	...	...	...	0	8	6
Gowlland's „ „	...	...	...	...	...	...	0	8	6
Allingham's „ „	...	...	...	...	...	...	0	7	6
Cripp's Rectal Probe	...	...	...	...	...	...	0	7	6

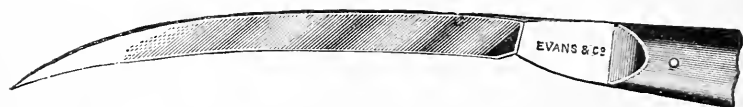


Fig. 738.

Bistoury, Rectal Fistula (Fig. 738)	...	...	...	0	5	0
Allingham's Fistula Bistoury, with long Probe Point	...	...	...	0	7	6



Fig. 739.



Fig. 740.

Salmon's Pile Hook, in Ebony Handle (Fig. 739)	...	0	7	6
Single „ „ „ „ „ (Fig. 740)	...	0	4	6



					£	s.	d.
Suppository Tubes, Vulcanite	...	...	...	...	0	2	6
" " Glass	...	...	...	...	0	1	6
" Moulds, Plated	...	...	...	...	0	12	0

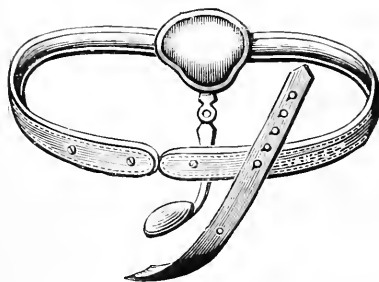


Fig. 748.

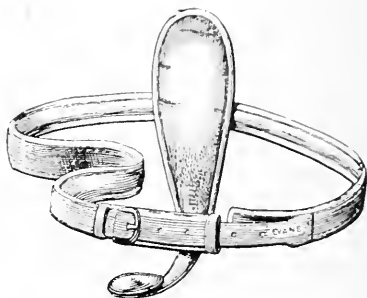


Fig. 749.

Prolapsus Ani Truss, with Ivory Pad (Fig. 748)	3os. and	2	2	0
" " " with Boxwood Pad (Fig. 749)	...	1	1	0
Colotomy Plug Vulcanite	...	0	6	0



## URETHRAL INSTRUMENTS.

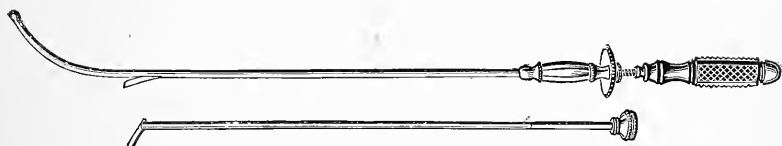


Fig. 750.

	£	s.	d.
Berkeley Hill's Urethrotome, in Case (Fig. 750) ...	2	15	0



Fig. 751.

Civiale's Urethrotome, in Case (Fig. 751) ...	2	15	0
Durham's Four-bladed Urethrotome ...	3	0	0



Fig. 752.

Single-bladed Urethrotome, in Case (Fig. 752) ...	1	15	0
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Fig. 753.

Double-bladed Urethrotome, in Case (Fig. 753) ...	2	2	0
Harrison's                    "                    "                    "                    " ...	2	10	0





Fig. 759.

					£	s.	d.
Stricture Dilator (Fig. 759)	...	...	...	...	3	3	0
Davey's Stricture Dilator	...	...	...	...	2	15	0
Berkeley Hill's Stricture Dilator	...	...	...	...	1	15	0



Fig. 760.

Holt's Stricture Dilator (Fig. 760)...	...	...	...	...	2	10	0
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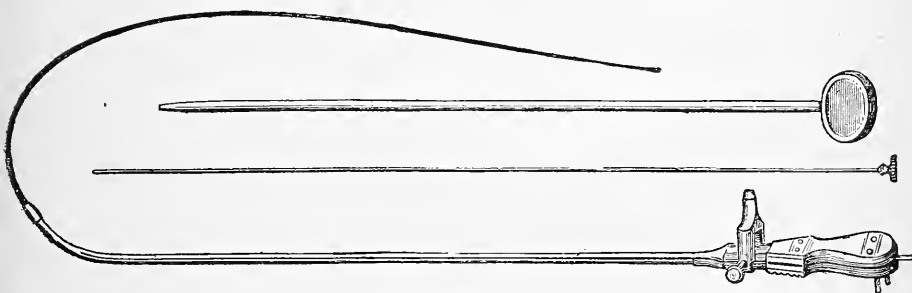


Fig. 761.

Harrison's Improved Holt's Dilator (Fig. 761)	...	...	...	...	2	10	0
Lyons's Stricture Dilator	...	...	...	...	1	15	0
Otis's                    "                   "	...	...	...	...	3	0	0
Priestley's           "                   "	...	...	...	...	1	10	0



Fig. 762.

Simpson's Stricture Dilator (Fig. 762)	...	...	...	...	0	18	0
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Fig. 763.

				£	s.	d.
Thompson's Stricture Dilator (Fig. 763) ...	...	...	...	1	16	0
Lister's Bulbous-ended Sounds, of sizes ...	...	...	...	0	5	6
Harrison's     "      "      "      "      " ...	...	...	...	0	5	6



Fig. 764.

Urethra Forceps, Long (Fig. 764)...	...	...	...	0	9	6
"      "      with Crocodile Jaws ...	...	...	...	1	1	0



Fig. 765.

Urethra Forceps, Short (Fig. 765)...	...	...	...	0	8	6
Thompson's Urethra Forceps ...	...	...	...	0	8	6



Fig. 766.

Urethra Forceps, for Extracting Fragments (Fig. 766) ...	2	2	0
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Fig. 767.

Canula Forceps, for Removing Small Fragments, with Curved, and Straight, Blades. (Fig. 767) ...	2	2	0
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Fig. 768.

			£	s.	d.
Spring Canula Urethra Forceps (Fig. 768)	...	...	1	1	0
Leroy D'Etoille's Instrument, for Extracting Foreign Bodies from the Urethra	...	...	0	18	0
Collins's Instrument, for Extracting Foreign Bodies from the Urethra	...	...	1	5	0



Fig. 769.

Harrison's Probe-ended Knife (Fig. 769)	...	...	0	7	6
Otis's	„	„	...	5	0

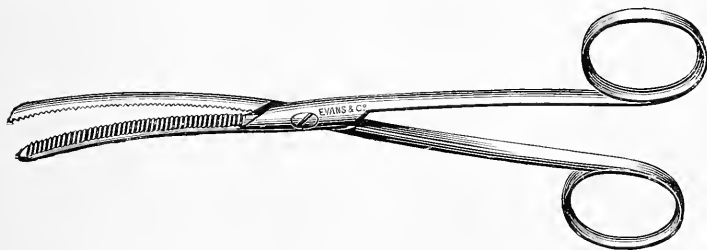


Fig. 770.

Phymosis Forceps (Fig. 770)	...	...	...	0	9	0
Curling's Phymosis Forceps	...	...	...	0	10	6
Buckstone Browne's Phymosis Clamp	...	...	...	0	15	0

## LITHOTOMY INSTRUMENTS.

Lithotomy Instruments, in Brass-bound Mahogany Case, consisting of :—

Double Scoop.									
Female Sound.									
Two Male Sounds.									
Four Male Staffs.									
Two Lithotomy Knives.									
Two Straight Forceps.									
Two Curved Forceps.									
Two Elastic Gum Tubes.									
Two Web Bandages	...	...	...	...	...	...	...	...	...
							£	s.	d.
							7	5	0



Fig. 771.

Lithotomy Forceps, Curved, various sizes (Fig. 771) each 0 10 6

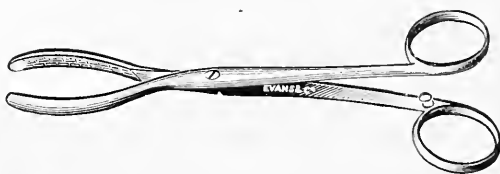


Fig. 772.

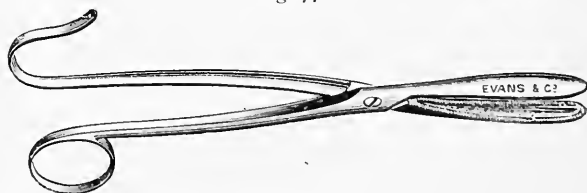


Fig. 773.

Lithotomy Forceps, Straight, various sizes (Figs. 772 and 773) ... each 0 10 6

						£	s.	d.
Berkeley Hill's Forceps	...	...	...	...	...	1	1	0

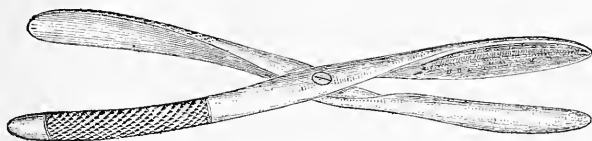


Fig. 774.

Harrison's Lithotomy Stone Crushing Forceps (Fig. 774)	...	...	...	...	...	1	1	0
Erichsen's Lithotomy Stone Crusher	...	...	...	...	...	2	15	0
Thompson's	„	„	„	...	...	4	4	0



Fig. 775.



Fig. 776.



Fig. 777.



Fig. 778.



Fig. 779.

Brodie's Lithotomy Knife	(Fig. 775)	...	...	...	...	0	4	6
Fergusson's	„ „ (Fig. 776)	...	...	...	...	0	5	6
Key's	„ „ (Fig. 777)	...	...	...	...	0	4	6
Liston's	„ „ (Fig. 778)	...	...	...	...	0	4	6
Thompson's	„ „ ... ..	...	...	...	...	0	4	6
„	„ „ Probe-pointed	...	...	...	...	0	5	6
Webber's	„ „ (Fig. 779)	...	...	...	...	0	16	0







Fig. 784.

						£	s.	d.
Thompson's Lithotomy Sound, Hollow, Silver-plated						0	11	6
(Fig. 784) ... ..						0	6	0
Teevan's Lithotomy Sound						0	12	0
Berkeley Hill's „ „						0	8	0
Leftwich's Auscultatory Sound						0		0



Fig. 785.

Buchanan's Rectangular Lithotomy Staff (Fig. 785)	...	0	7	6
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Fig. 786.

Liston's Lateral Groove Lithotomy Staff (Fig. 786)	...	0	5	6
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Fig. 787.

Liston's Median Groove Lithotomy Staff (Fig. 787)	...	0	5	6
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Fig. 788.

Hollow Lithotomy Staff (Fig. 788)	...	...	...	0	10	6
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Fig. 789.

				£	s.	d.
Syme's Lateral Grooved Staff (Fig. 789)	...	...	...	0	7	6



Fig. 790.

Female Lithotomy Staff (Fig. 790)	...	...	...	0	5	6
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Fig. 791.

Lithotomy Tubes, Elastic Gum (Fig. 791)	4s. 6d. and	0	5	6
Buxton Browne's Tampon and Tube	...	0	8	0
Pritchard's Lithotomy Bandages	... per set	1	1	0

# LITHOTRITY INSTRUMENTS.

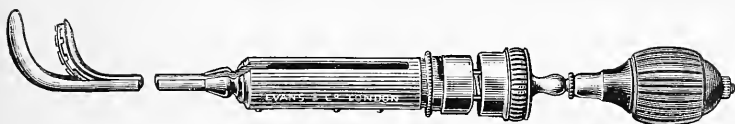


Fig. 792.

					£	s.	d.
Bigelow's Lithotrite (Fig. 792)	...	...	...	...	10	10	0

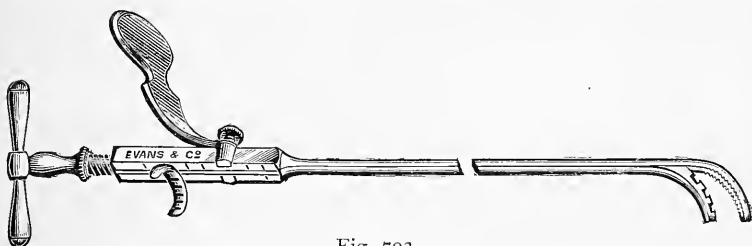


Fig. 793.

Brodie's Lithotrite (Fig. 793)	...	...	...	...	4	10	0
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Fig. 794.

Civiale's Lithotrite (Fig. 794)	...	...	...	...	4	10	0
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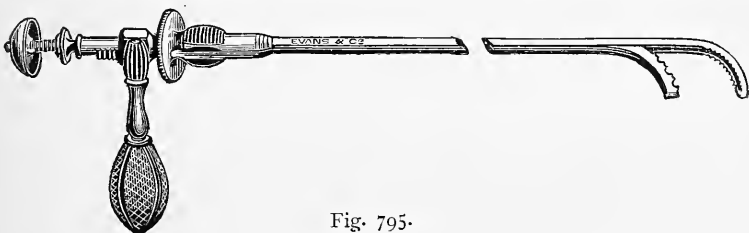


Fig. 795.

Civiale's Lithotrite, with Rack and Pinion (Fig. 795)	...	5	5	0
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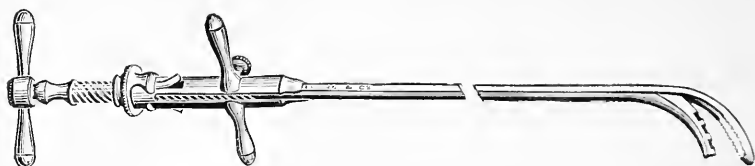


Fig. 796.

					£	s.	d.
Improved Lithotrite (Fig. 796)	...	...	...	...	5	5	0

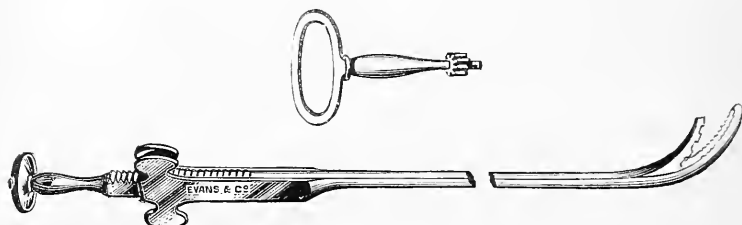


Fig. 797.

Fergusson's Lithotrite, with Rack Action (Fig. 797)	...	4	10	0
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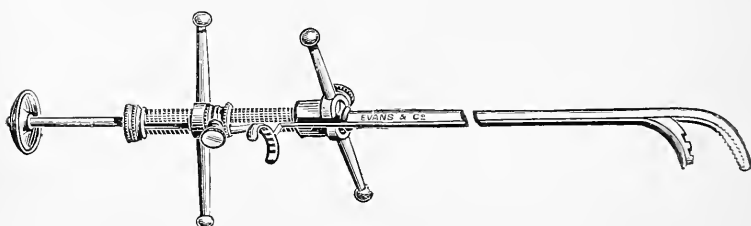


Fig. 798.

Lithotrite, with Percussion Rod, and Screw Action (Fig. 798)	...	...	...	...	...	4	10	0
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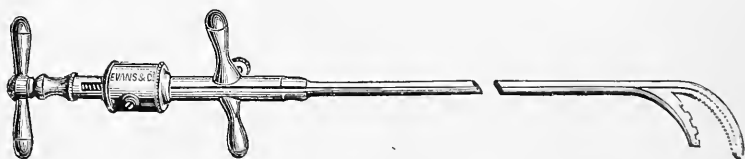


Fig. 799.

Lithotrite, with Screw Action (Fig. 799)	...	...	...	...	5	10	0
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	£	s.	d.
Thompson's Lithotrite, for Children, Fenestrated or Flat Blades ... ..	5	10	0
Thompson's Lithotrite, with Flat Blades for Débris ...	5	10	0

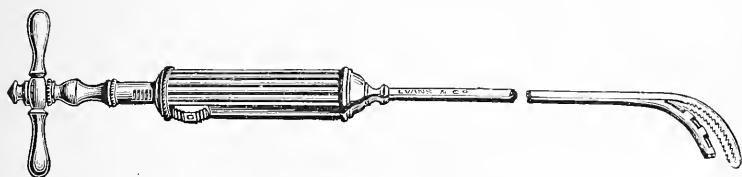


Fig. 800.

Thompson's Lithotrite, with Fenestrated Blades for crush- ing Large Stones (Fig. 800) ... ..	5	10	0
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Fig. 801.

Thompson's Lithotrite, with Flat Blades for Débris (Fig. 801) ... ..	6	0	0
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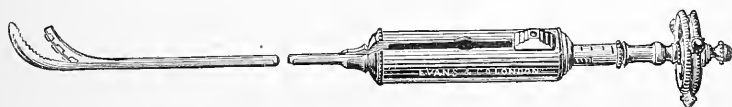


Fig. 802.

Thompson's Lithotrite, with Fenestrated Blades for crush- ing Large Stones (Fig. 802) ... ..	6	0	0
Teevan's Lithotrite ... ..	5	10	0



Fig. 803.

Sliding Scoop Catheter, for extracting Fragments from the Bladder (Fig. 803) ... ..	2	2	0
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Brodie's Prostatic Catheters, Silver, with Checkered Ebony Handles (Fig. 809)—

			£	s.	d.				£	s.	d.
No. 7	...	...	0	18	0	No. 10	...	...	1	1	6
„ 8	...	...	0	19	0	„ 11	...	...	1	4	0
„ 9	...	...	1	0	0	„ 12	...	...	1	5	0



Fig. 809.

Brodie's Prostatic Catheters, Plated, with Checkered Ebony Handles, from Nos. 7 to 12, (Fig. 809) ... each 0 9 6

Brodie's Stout Silver Catheters, in Checkered Ebony Handles—

			£	s.	d.				£	s.	d.
No. 1	...	...	0	9	6	No. 7	...	...	0	15	0
„ 2	...	...	0	9	6	„ 8	...	...	0	16	6
„ 3	...	...	0	10	0	„ 9	...	...	0	17	6
„ 4	...	...	0	11	0	„ 10	...	...	0	19	0
„ 5	...	...	0	12	6	„ 11	...	...	1	0	6
„ 6	...	...	0	13	6	„ 12	...	...	1	1	6

Thompson's Prostatic Catheters, Silver—

			£	s.	d.				£	s.	d.
No. 7	...	...	0	13	0	No. 11	...	...	0	17	6
„ 8	...	...	0	14	0	„ 12	...	...	0	18	6
„ 9	...	...	0	15	0	„ 13	...	...	0	19	6
„ 10	...	...	0	16	6	„ 14	...	...	1	2	0

Thompson's Prostatic Catheters, Plated, from Nos. 7 to 14 ... each 0 7 6

Thompson's Silver Catheters, with fine tapering Point and strong Stem ... 0 14 6







Fig. 812.

						£	s.	d.
Female Catheter, Plated (Fig. 812)	...	...	...	...	...	0	4	0
"	"	Silver	...	...	...	0	5	0



Fig. 813.

Female Catheter, Sliding, Silver	...	...	...	...	...	0	6	0
"	"	"	"	with Stopcock (Fig. 813)	...	0	7	6
"	"	Gum Elastic	...	...	...	0	1	6



Fig. 814.

Lallemand's Caustic Catheter, Silver, with Palladium Holder (Fig. 814)	...	...	...	...	...	1	7	0
Coulson's Caustic Catheter, Silver, with Palladium Holder	...	...	...	...	...	1	18	0
Dawson's Ointment Catheter, Silver	...	...	...	...	...	1	12	6
Erichsen's Solution	"	"	...	...	...	1	12	6
Harrison's Catheter for introducing Soluble Pessaries, Silver	...	...	...	...	25s. and	1	10	0
Thompson's Solution Catheter, Silver	...	...	...	...	...	1	12	6
Berkeley Hill's Caustic Injector, with Syringe	...	...	...	...	...	1	10	0
Catheters, Elastic Gum, sizes 1 to 12, best quality, per doz.	...	...	...	...	...	1	1	0
"	"	Conical	...	...	"	1	1	0
"	"	Coudée, by Mercier	...	...	"	1	4	0
"	"	Bi-coudée	"	...	"	1	10	0



Fig. 815.

Catheters, Elastic Gum, Thompson's Bulbous (Fig. 815)	...	...	...	...	per doz.	1	4	0
"	"	"	Bryant's	"	"	1	4	0
"	"	"	Railway, with Catgut Guide	each	"	0	3	6
"	"	"	Open-ended	...	"	0	2	0
"	"	"	Prostatic	...	"	0	3	0
"	"	"	Double Channel	...	"	0	5	0



Fig. 816.

			£	s.	d.
Catheters, Elastic Gum, best Silk (Fig. 816)	...	each	0	3	6
„ India-rubber Self-retaining, with Ears, Holt's	„	„	0	3	6
„ „ „ Colbank's	„	„	0	2	6
„ „ „ Dowse's	„	„	0	3	6
„ Soft India-rubber, Cylindrical	...	„	0	2	0
Steel Stylets, for introducing Soft Rubber Catheters	„	„	0	2	0
Bougies, Elastic Gum, of sizes	...	per doz.	1	1	0
„ „ „ Thompson's Bulbous	„	„	1	4	0
„ „ „ à boule	...	„	1	4	0

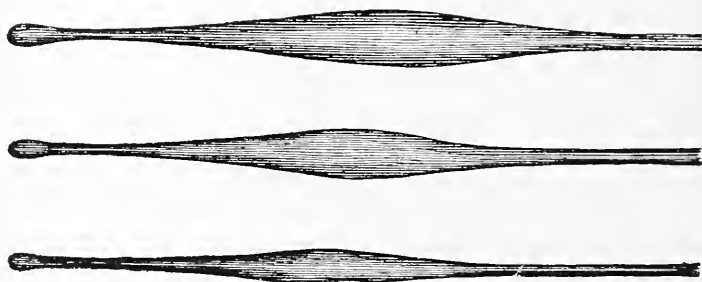


Fig. 817.

Bougies, Elastic Gum Olivary (Fig. 817)	...	per doz.	1	16	0
„ „ „ Filiforme	...	each	0	2	0
„ Whalebone	...	„	0	1	6
„ Catgut	...	„	0	1	0
„ Wax	...	per doz.	0	3	0
„ Laminaria	...	each	0	1	6
„ Soft Metal, of sizes	...	per doz.	0	18	0
„ „ „ with Handles	„	„	1	4	0
„ Silver, with Checkered Ebony Handle	...	each	0	10	6
Thompson's Plated Bougies	...	„	0	5	6
Lister's Bulbous	„	„	0	5	6
English Catheter Gauge, Vulcanite	...	„	0	3	0
„ „ „ Metal	...	„	0	5	0
French	„	„	0	5	0
„ and English Catheter Gauge combined	...	„	0	7	6

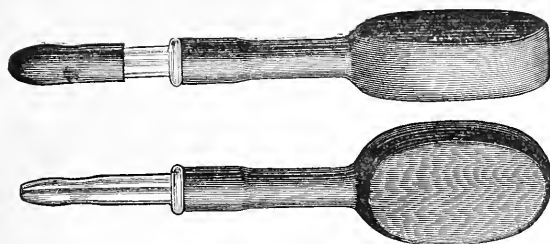


Fig. 818.

	£	s.	d.
Balmano Squire's Urethral Syringe (Fig. 818) ... ..	0	1	6
Teevan's Urethral Syringe ... ..	5s. and	0	7
Glass Syringe, combined with Bottle to carry Solution ...	0	1	6

## TROCARS AND ASPIRATORS.



Fig. 819.

	£	s.	d.
Trocar for Puncturing the Bladder per Rectum, with Silver Canula (Fig. 819) ... ..	0	14	0
Cocks' Trocar for Puncturing the Bladder per Rectum ...	1	15	0
„ Set of Trocars for Puncturing the Bladder per Rectum, with Three Silver Canulæ and Pilot, in Case, complete ... ..	2	15	0
Harrison's Trocar for Puncturing the Bladder from the Perinæum, in Case, complete ... ..	3	10	0

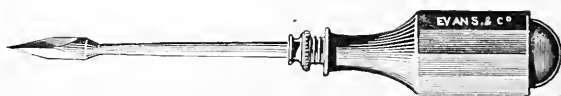


Fig. 820.



Fig. 821.

Trocars for Paracentesis Abdominus, with Silver Canulas  
(Figs. 820 and 821):—

Large ... ..	0	9	6
Medium ... ..	0	8	6
Small ... ..	0	7	6

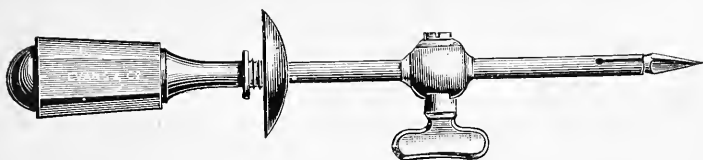


Fig. 822.

Trocar, with Silver Canula and Stopcock (Fig. 822) £ s. d.  
 16s., 18s. and 1 1 0

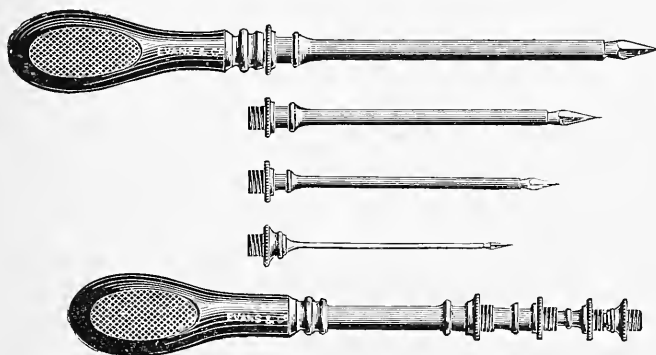


Fig. 823.

Portable Set of Four Trocars and Canulae, fitting into one  
 Handle (Fig. 823) ... .. 1 2 0



Fig. 824.

Hydrocele Trocar, with Silver Canula (Fig. 824) ... .. 0 7 6



Fig. 825.

Hydrocele Syringe, with Platinum Nozzle (Fig. 825) ... .. 0 7 6



Fig. 826.

	£	s.	d.
Exploring Trocar, with Silver Canula, in Ivory Case (Fig. 826) ... ..	0	7	6
Exploring Trocar, long fine, with Silver Canula, 4 inches, 8s. ; 6 inches, 9s. 6d. ; 8 inches	0	10	6

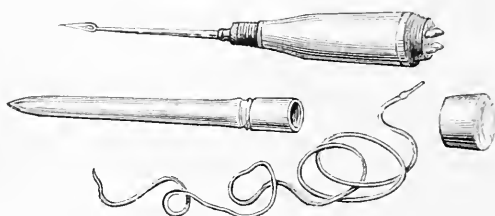


Fig. 827.

Southey's Trocar and Four Canulæ, for the Treatment of Anasarca (Fig. 827) ... ..	0	10	6
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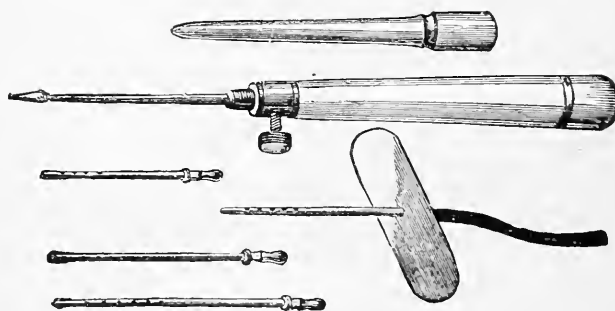


Fig. 828.

Southey's Improved Trocar, with Four Canulæ of different lengths, for Ascites (Fig. 828) ... ..	1	1	0
Protheroe Smith's Exploring Trocar, with Two Needles and Syringe, in Case ... ..	1	10	0
Cousins's Antiseptic Cystic Trocar ... ..	1	0	0
Reeves's Dilating Trocar ... ..	0	17	0



Fig. 829.

Hodder's Guarded Exploring Needle (Fig. 829) ...	£	s.	d.
(Vide <i>British Medical Journal</i> , 27th March, 1886.)	0	10	6
Hydrocephalus Trocar ...	0	8	6
Chest Trocar, with Flat Blade and Silver Canula			
12s. 6d. and	0	15	0
Dieulafoy's Small Aspirator, with Gilt Needles, in Leather Case, complete ...	2	2	0
Dieulafoy's Aspirator, medium size, with Six Needles and Trocars ...	3	10	0
Dieulafoy's Aspirator, large size, with Six Needles, Four Straight, and Four Curved Trocars, in Case, complete	10	10	0

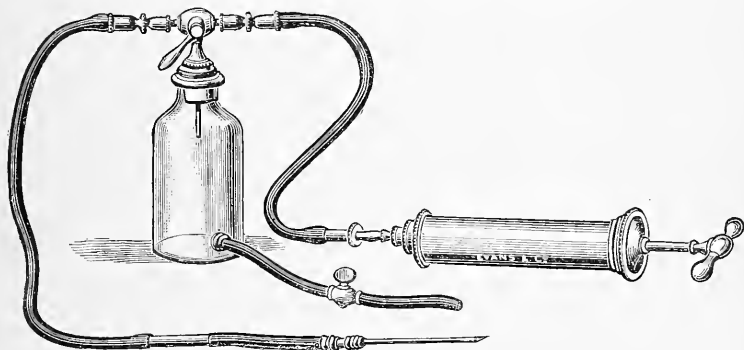


Fig. 830.

Pneumatic Aspirator, with Four Needles, Trocar, and Canula, in Case, complete (Fig. 830) ...	5	5	0
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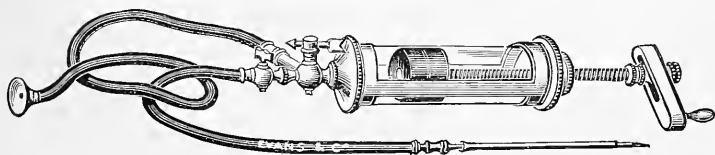


Fig. 831.

Evans & Wormull's Aspirator, with Four Needles, Trocar, and Canula, complete, in Case (Fig. 831) ...	5	0	0
Potain's Aspirator, with One Trocar and Three Needles, in Case, complete ...	2	10	0

## HERNIA INSTRUMENTS.

Spanton's Instrument for the immediate cure of  
Hernia (Fig. 832), consisting of:—

- A. Knife for making Scrotal Incisions.
  - B. Screws, four sizes, with Handles.
  - C. Screw, with Eye for Threading with Ligature.
  - D. Handle detached.
  - E. Glass Rod, perforated, for fastening ends of  
Ligature.
  - F. India-rubber Ball, for protecting Point.
- |                          | £ | s. | d. |
|--------------------------|---|----|----|
| In Case, complete ... .. | 2 | 5  | 0  |

### ON THE IMMEDIATE CURE OF HERNIA BY A NEW INSTRUMENT.

BY MR. SPANTON.

Among the various methods hitherto practised for the radical or permanent cure of Hernia, scarcely any have stood the test of time.

The reason of this is sufficiently clear to those who have studied the subject, inasmuch as almost all of them have been effected in such a way as to afford no additional support to the weakened part.

By the employment of the Instrument shown, the object is not only to plug the hernial opening, but at the same time to bring the walls of the canal together in such a manner as effectually to consolidate the tissues which form the invaginated plug, and by that means to form an impassable barrier against any further descent of the bowel. The operation with the screw instrument has been performed in several cases, all of which have recovered perfectly. In most of the cases the cure has been completely satisfactory, so that the patients have been able to dispense with the use of a truss.

The mode of performing the operation in cases of ordinary oblique inguinal hernia is as follows:—The patient is prepared in the usual way by having an aperient and an enema previously administered, and the pubis shaved. Under the influence of an anæsthetic the hernia is carefully reduced, and not allowed to come down during the operation. An incision is made in the skin of the scrotum, over the fundus of the hernial sac, and the skin separated from the parts underneath by means of the knife or handle to an extent determined by the size of the hernia and that of the inguinal canal. The forefinger of the left hand (the operator standing on the left-hand side of the patient) is then passed up to the internal abdominal ring, invaginating the hernial sac and fascia to the same extent. A careful examination is now made of the surrounding structures, and the position of the vessels clearly made out, the size and shape of the inguinal rings noted, as well as the length of the canal. The left forefinger being retained



in the hernial canal, protecting the cord, and at the same time keeping the internal ring closed—the screw instrument is with the right hand thrust through

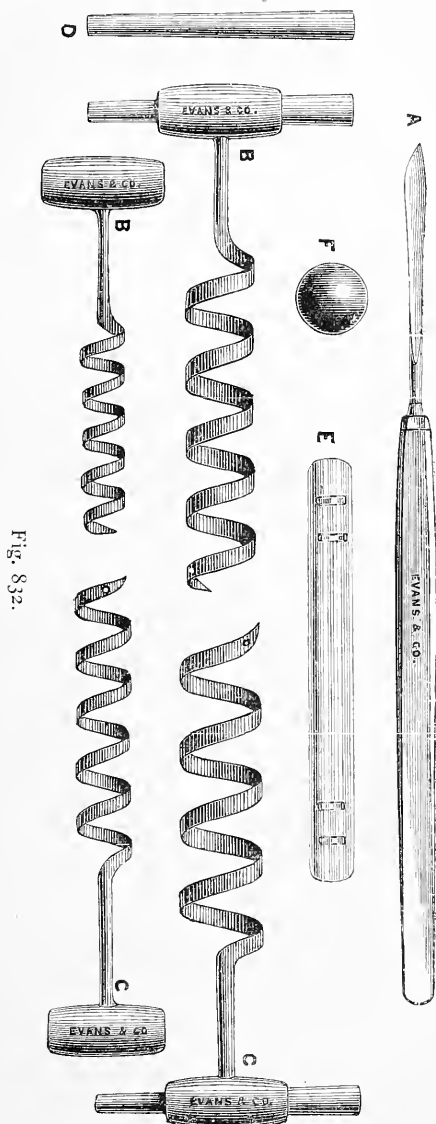


Fig. 832.

the skin of the groin, so as to transfix the aponeurosis of the external oblique muscle at a point somewhat above that at which it is intended to pass through the conjoined tendon. Having given the instrument one half turn to the right,

if a right inguinal, and a whole turn if a left hernia, it is next made to pierce subcutaneously the conjoined tendon of the internal oblique and transversalis muscles as high up as can be safely reached, the left forefinger carefully guarding the point so as to avoid wounding the epigastric vessels or peritoneum. This part of the operation should be effected cautiously and deliberately. Another turn is now given to the instrument, causing it to pass through the invaginated tissue, whether consisting of fascia or sac, or both—and it is again passed through Poupart's ligament and then across to the inner pillar of the superficial abdominal ring, and another turn given if necessary, so as to bring the point out at the wound in the scrotum. The handle should then lie flatwise on the abdomen, and the point of the instrument be protected by a piece of solid india-rubber, or by winding round it some carbolized gauze. A light pad of wool or lint is placed over the whole, and a bandage applied.

The operation may be performed under Lister's antiseptic method, but in this case it is well to leave the instrument *in situ* rather longer. The results are equally satisfactory if this precaution be observed.

The subsequent treatment is very simple. After a period varying from a few days to a fortnight, a certain amount of inflammatory action will be observed along the line of the inguinal canal where the instrument lies, and more or less discharge take place from the wounds. The amount of induration excited will be the guide as to the time for the removal of the instrument, but a week has been usually found sufficient. The removal of the instrument is easily effected, as the suppuration which takes place in its course serves to loosen it somewhat, and by keeping it well oiled each time the wound is dressed, it is readily withdrawn by turning the handle slowly to the left.

The wounds will rapidly heal under any simple dressing, with pad and bandage.

The operation presents no special difficulties to any one accustomed to operative surgery, and it is one especially suitable for young people, and more particularly for cases of congenital hernia. In these the results have so far been eminently satisfactory, and in no instance has there been observed any untoward symptom.

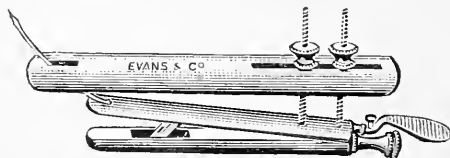


Fig. 833.

Davis's Instrument for the radical cure of Hernia (Fig.

833) ... .. £ s. d.

Rothmund's Instruments for radical cure of Hernia ... 2 0 0

... 3 10 0

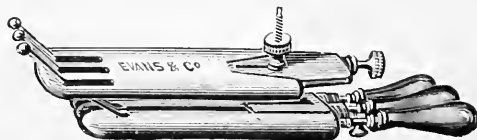


Fig. 834.

Wurtz's Instrument for the radical cure of Hernia (Fig.

834) ... .. 4 4 0

			£	s.	d.
Wood's Needle for the radical cure of Hernia	...	...	0	8	6
„ Guarded Needle for the radical cure of Hernia	...	...	0	15	0
„ Needle, with Spring Eye, for the radical cure of Hernia	...	...	0	10	6



Fig. 835.

Hernia Bistoury (Fig. 835)	...	...	...	...	0	4	0
„ „ Straight	...	...	...	...	0	4	0



Fig. 836.

Hernia Director (Fig. 836)...	...	...	...	...	0	4	6
„ „ Levi's	...	...	...	...	0	7	6
Heaton's Syringe for Hernial Injections	...	...	...	...	1	1	0

## INHALERS AND ANÆSTHETIC APPARATUS.



Fig. 837.

Allis's Æther Inhaler (Fig. 837) ... ..

£	s.	d.
0	15	0



Fig. 838.

Junker's Inhaler, for Methyline, &c., in Case, complete  
(Fig. 838) ... ..

2	2	0
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	£	s.	d.
Clover's Portable Æther Inhaler, Nickel-plated, with Bottle, in Case, complete ... ..	3	0	0

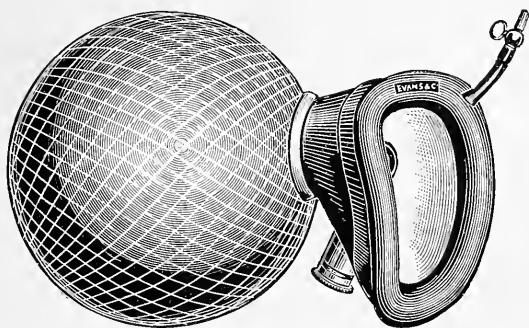


Fig. 839.

Ormsby's Æther Inhaler (Fig. 839) ... ..	1	4	0
Snow's Portable Inhaler, Silver-plated, in Case ... ..	0	17	0

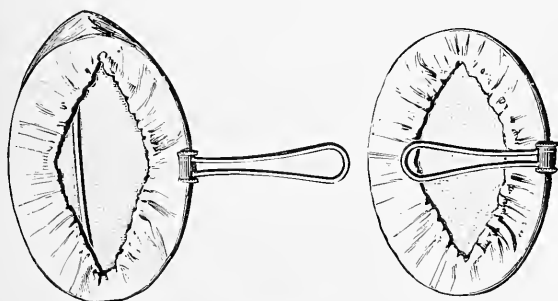


Fig. 840.

Skinner's Chloroform Inhaler, with Chloroform Drop Bottle, complete, in Bag (Fig. 840) ... ..	0	10	6
Clover's Æther, and Nitrous Oxide Gas Apparatus, in Case, complete ... ..	10	10	0
Bloxham's Drop Bottle ... ..	0	3	6
Skinner's " " in Leather Sheath ... ..	0	5	0
Richardson's Æther Spray Producer ... ..	0	15	0
" " " " with Two Jets ... ..	0	17	0



Fig. 841.

						£	s.	d.
Richardson's Æther Spray Producer, with Three Jets (Fig. 841)	...	...	...	...	...	0	19	0
Clark's Spray Producer, with Silver Mount	...	...	...	...	...	0	12	0
Vulcanite „	„	...	...	...	...	0	7	6
Cocaine „	„	...	...	...	...	0	12	0

## HYPODERMIC SYRINGES.

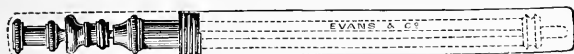


Fig. 842.

						£	s.	d.
Hypodermic Syringe, with Two Steel Needles, in Metal Case (Fig. 842)	...	...	...	...	...	0	7	6

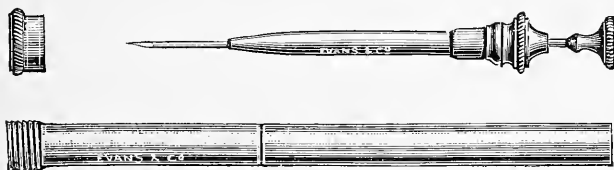


Fig. 843.

Small Pocket Hypodermic Syringe, with Fixed Point.								
Case has division for carrying Solution (Fig. 843)	...	...	...	...	...	0	12	0

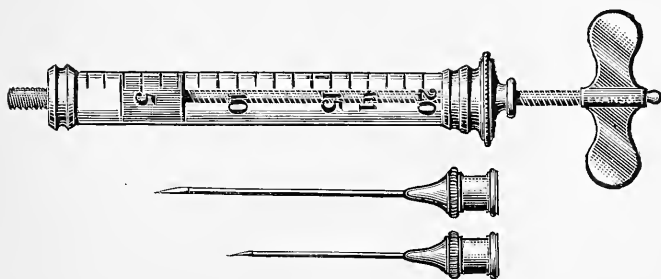


Fig. 844.

Hypodermic Syringe, with Screw Piston, and Two Gold Needles, in Morocco Case (Fig. 844)	...	...	...	...	...	0	17	0
Hypodermic Syringe, with Self-lubricating Plunger, Three Platina Needles, and Stoppered Bottle, in Mahogany Case	...	...	...	...	...	1	1	0





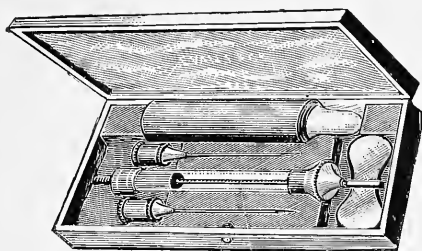


Fig. 848.

	£	s.	d.
Hypodermic Syringe, with Two Needles and Stoppered Bottle, in Case (Fig. 848) ... ..	0	10	6
Hypodermic Syringe, Snake-bite, with Two Needles and small Scalpel, in Case... ..	1	1	0

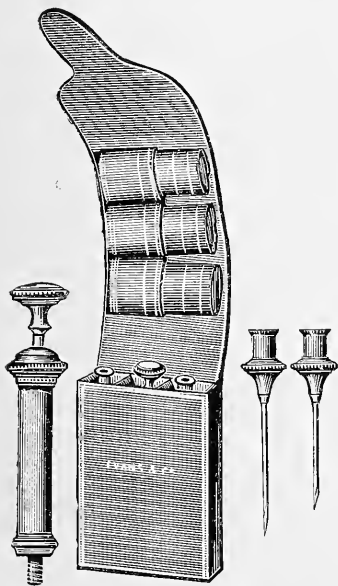


Fig. 849.

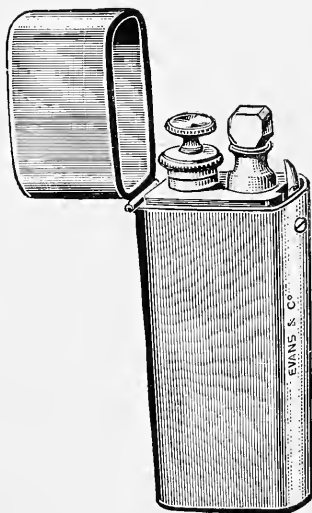


Fig. 850.

Hypodermic Syringe, with Two Platinum Needles and Three Receptacles for Tabloids (Fig. 849) ...	1	1	0
Hypodermic Syringe, with Platinum Needle and Stoppered Bottle, in Plated Case (Fig. 850) ... ..	1	1	0
Hypodermic Syringe, Silver, with Gold or Platinum Needles, and Bottle, in Silver Case ... ..	1	15	0

## CUPPING INSTRUMENTS.

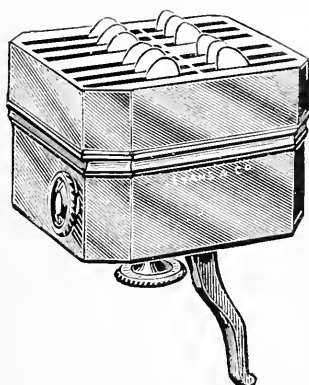


Fig. 851.

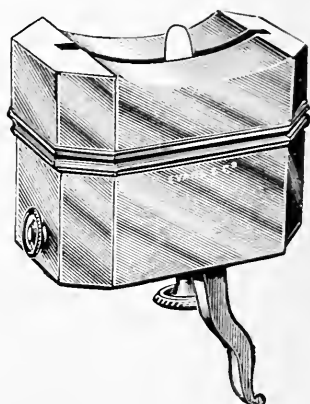


Fig. 852.

Cupping Instruments in Mahogany Case, containing :—

Scarificator.										
Spirit Bottle.										
Two Nests of Three Glasses.							£	s.	d.	
Torch	...	...	...	...	...	...	3	0	0	
Scarificator, Improved, with Twelve Blades, capable of use with four, six, or ten lancets (Fig. 851) ...	...	...	...	...	...	...	1	15	0	
Scarificator Temple ...	...	...	...	...	...	...	1	4	0	
„ „ with extra Lancets ...	...	...	...	...	...	...	1	8	0	
Scarificator, for Deep-seated Abscess (Fig. 852) ...	...	...	...	...	...	...	1	1	0	
„ „ Anasarca ...	...	...	...	...	...	...	1	1	0	
„ „ Croup ...	...	...	...	...	...	...	1	1	0	
Spirit Bottle, with Glass Stopper ...	...	...	...	...	...	...	0	2	0	
„ Lamp, large ...	...	...	...	...	...	...	0	4	0	
„ Torch... ...	...	...	...	...	...	...	0	2	6	
Cupping Syringe, with Stopcock ...	...	...	...	...	...	...	0	9	6	
„ Glasses, with Brass Mounts ...	...	...	...	...	...	...	0	2	6	
„ „ Plain ...	...	...	...	...	...	...	0	1	0	
India-rubber Dry Cuppers ...	...	...	...	...	...	...	0	3	0	

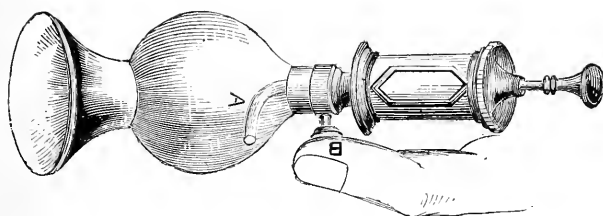


Fig. 853.

			£	s.	d.
Breast Pump, with Glass, in Case (Fig. 853)	...	...	0	19	6
„ „ „ Two Glasses, in Case...	...	...	1	4	0
„ Glass, with Tube and Mouthpiece...	...	...	0	1	6

## STOMACH PUMPS AND ENEMAS.

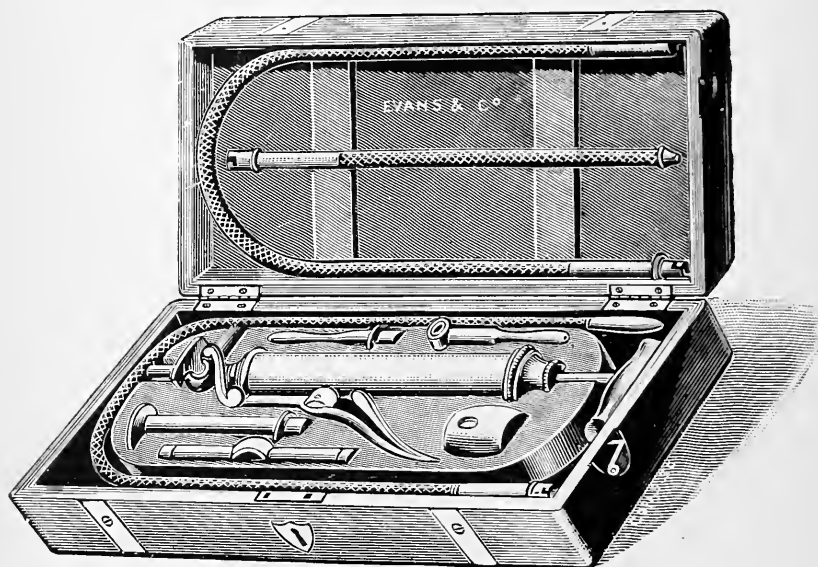


Fig. 854.

Stomach Pump and Enema combined, with Flute Key  
 Lever, fitted with O'Beirn's Stomach, Two Rectum  
 Tubes, Ebony Gag and Seat, in handsome Mahogany  
 Case (Fig. 854) ... .. £ s. d.  
 2 12 6

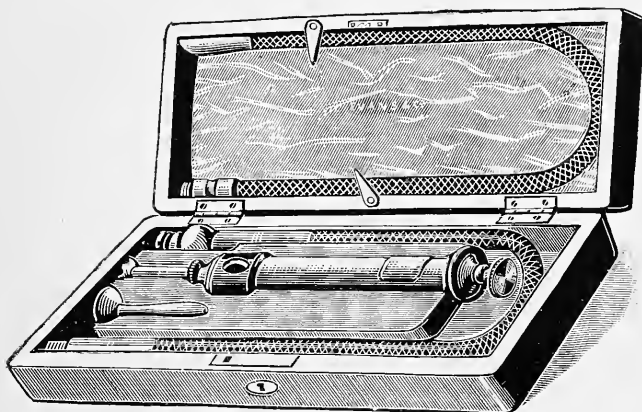


Fig. 855.

Stomach Pump and Enema combined (Fig. 855)...	£	s.	d.
	1	10	0

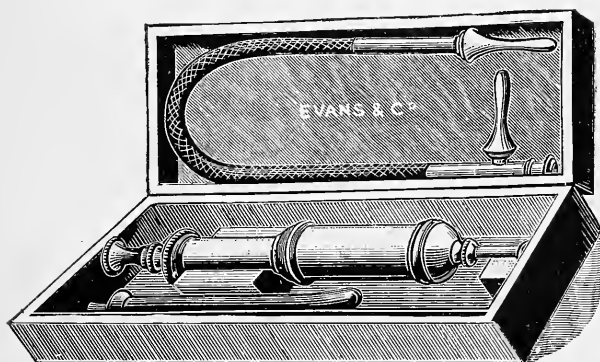


Fig. 856.

Enema, fitted with Rectum and Vagina Pipes (Fig. 856)	0	15	0
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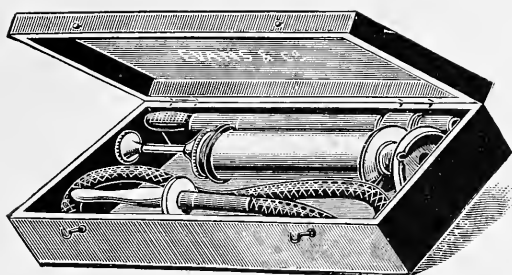


Fig. 859.

Evans & Wormull's Patent Enema Syringe (Fig. 859) ...	£	s.	d.
	0	10	0

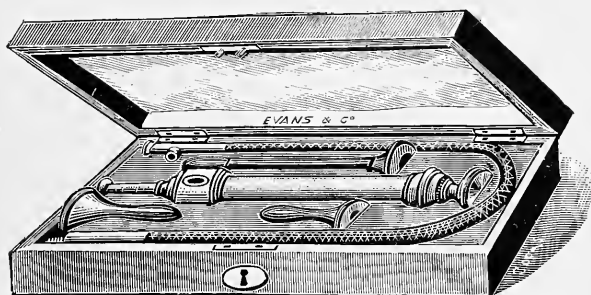


Fig. 860.

Enema, fitted with different-sized Tubes (Fig. 860) ...	£	s.	d.
	1	2	0

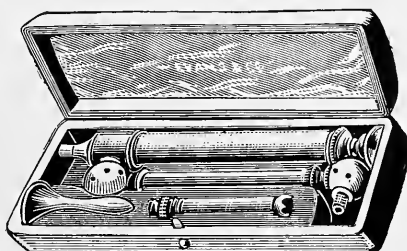


Fig. 861.

Enema, with Telescopic Tube (Fig. 861) ...	£	s.	d.
	1	1	0

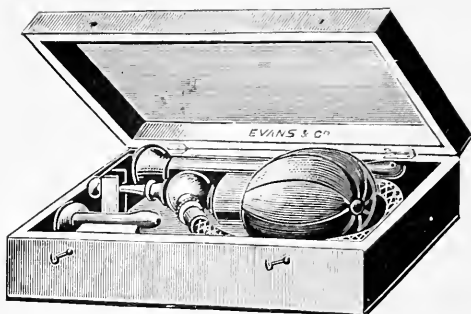


Fig. 862.

Kennedy's Enema Syringe (Fig. 862)	...	...	...	£	s.	d.
				0	15	0

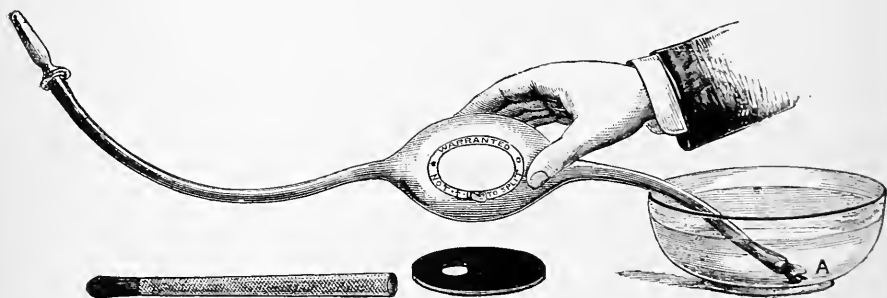


Fig. 863.

Patent Syphon Enema, made in one continuous piece, with Vaginal Pipe and Shield, complete, in Box, first quality (Fig. 863)	...	...	...	...	0	6	0
Patent Syphon Enema, made in one continuous piece, with Vaginal Pipe and Shield, complete, in Box, second quality (Fig. 863)	...	...	...	...	0	3	6



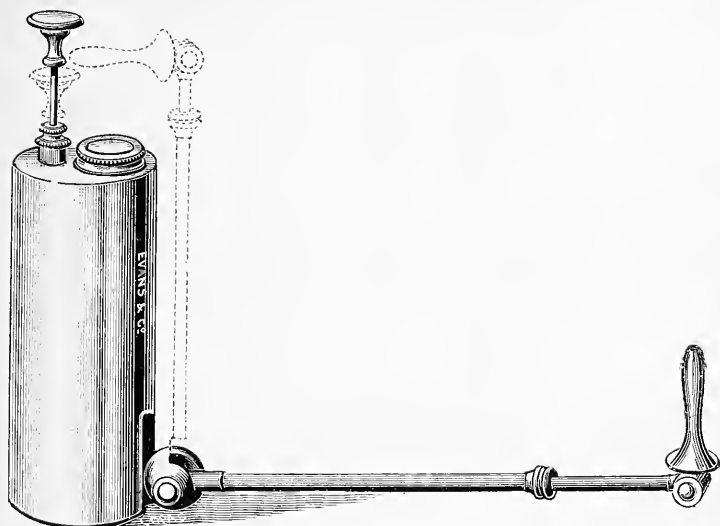


Fig. 864.

Reservoir Enema Apparatus, in Leather Case (Fig. 864)	$\mathcal{L}$	<i>s.</i>	<i>d.</i>
	I	I	0

$\mathcal{L}$	$s.$	$d.$
I	I	O

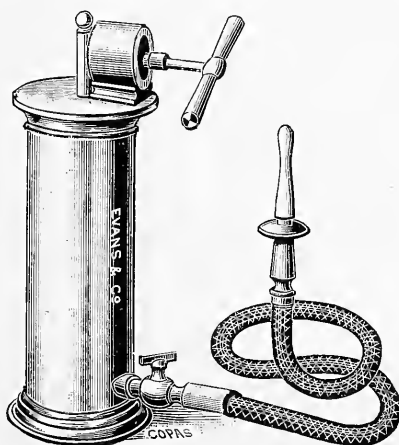


Fig. 865.

Irrigateur, with Spring Action (Fig. 865) ...	...	...	I	I	○
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**STETHOSCOPES, SPIROMETERS,  
SPHYGMOGRAPHS, THERMOMETERS,  
URINE TESTS, ETC.**



Fig. 866.



Fig. 867.



Fig. 868.



Fig. 869.



Fig. 870.



Fig. 871.

						£	s.	d.
Barron's Stethoscope	...	...	...	...	...	0	3	6
Billing's	...	...	...	...	...	0	2	6
Cedar	...	with Ivory Ear Plate (Fig. 867)	...	...	...	0	7	6
"	...	" Vulcanite "	...	...	...	0	4	6
Davis's	...	with Ivory Plate	...	...	...	0	8	6
Duckworth's	...	(Fig. 868)	...	...	...	0	4	0
Fergusson's Cedar Stethoscope (Fig. 866)	...	...	...	...	...	0	3	0
Golding Bird's Flexible Stethoscope	...	...	...	...	...	0	5	6
Long Vulcanite Stethoscope	...	...	...	...	...	0	4	6
Martin's	...	...	...	...	...	0	3	6
Portable Cedar	...	(Fig. 869)	...	...	...	0	4	0
" Vulcanite	...	(Fig. 870)	...	...	...	0	5	0
Quain's Stethoscope (Fig. 871)	...	...	...	...	...	0	4	6
Salter's	...	...	...	...	...	0	3	0
Stokes's	...	...	...	...	...	0	3	0
Todd's	...	...	...	...	...	0	3	6
Walsh's	...	...	...	...	...	0	3	0
Williams's	...	with Double Chest-piece	...	...	...	0	3	6



Fig. 872.



Fig. 873.



Fig. 874.

	£	s.	d.
Aluminium Telescopic Stethoscope, Ebony Mounts (Fig. 872) ... ..	0	7	6
Aluminium Telescopic Stethoscope, Ivory Mounts (Fig. 872) ... ..	0	10	6
Cedar Stethoscope, with Plessor and Pleximeter (Fig. 873) Metal " " India-rubber Ring for Percussion (Fig. 874) ... ..	0	7	0

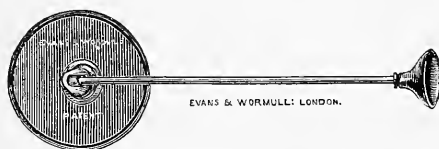


Fig. 875.

Evans & Wormull's Portable Folding Stethoscope, Gilt Stem, with Ivory Plates (Fig. 875) ... ..	0	8	6
Plated Stem, with Celluloid Plates ... ..	0	6	6
" " " Vulcanite " ... ..	0	5	0

EXTRACT FROM "BRITISH MEDICAL JOURNAL."—"This is a most simple and ingenious form of folding Stethoscope. It is extremely convenient in respect to portability and smallness of size, at the same time that it is perfectly efficient and elegant in appearance. The stem is a gilt, or plated, metal tube, the ear and chest pieces polished ivory (or vulcanite), and the stem is articulated to the ear-piece by a ball-and-socket joint; thus there are no separate parts likely to be detached or to get out of order, nor any complication of construction. This Stethoscope is likely to be very generally approved."

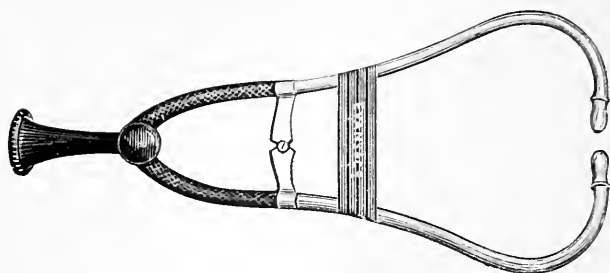


Fig. 876.

			£	s.	d.
Allison's Binaural Stethoscope (Fig. 876)	...	...	0	18	0

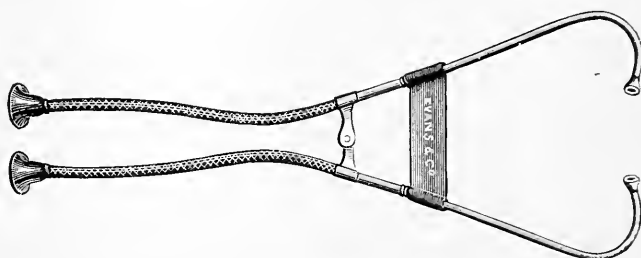


Fig. 877.

Allison's Differential Stethoscope (Fig. 877)	...	...	0	18	0
„ Binaural Stethoscope, with Single Chest-piece and Differential Tubes	...	...	1	2	0
Portable Binaural Stethoscope, with Flexible Spring	...	...	0	8	6

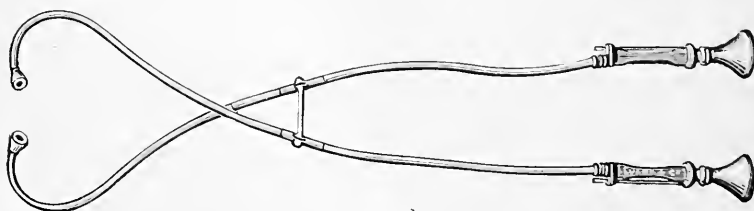


Fig. 878.

Improved Differential Stethoscope (Fig. 878)	...	...	0	18	0
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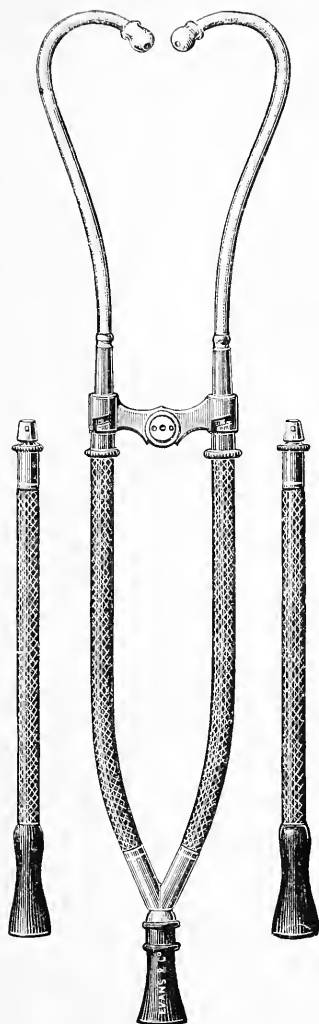


Fig. 879.

					£	s.	d.
Improved Binaural Stethoscope, with Secret Spring and Ebony Mounts (Fig. 879)	...	...	...	...	1	1	0
Improved Binaural Stethoscope, with Secret Spring and Ivory Mounts (Fig. 879)	...	...	...	...	1	5	0
Improved Differential Stethoscope, with Secret Spring and Ebony Mounts (Fig. 879)	...	...	...	...	1	3	0

	£	s.	d.
Improved Differential Stethoscope, with Secret Spring and Ivory Mounts (Fig. 879) ... ..	1	10	0
Improved Binaural Stethoscope, with Secret Spring and Differential Tubes, Mounted in Ebony (Fig. 879) ...	1	5	0
Improved Binaural Stethoscope, with Dial for Chest Measurement ... ..	1	10	0
Stethoscope Holder... ..	0	2	6



Fig. 880.

Case containing Plessor and Pleximeter, with Portable Vulcanite Stethoscope (Fig. 880)	...	...	...	0	16	0
Pleximeter, Ivory	...	...	...	...	0	3 6
„ „ with Metal Hinges	...	...	...	...	0	5 0
„ Vulcanite	...	...	...	...	0	2 6
Percussion Hammer	...	...	...	...	0	5 6
Haller's Percussor	...	...	...	3s. 6d. and	0	5 0
Quain's „	...	...	...	...	0	6 6
Thimble „	...	...	...	...	0	2 6
Sieveking's Aesthesiometer, in Case	...	...	...	...	1	0 0
Dynamometer	...	...	...	£1 10s. and	2	2 0
Evans & Wormull's Portable Spirometer, in Case, complete					5	5 0
Casella's „ „ „ „					5	10 0

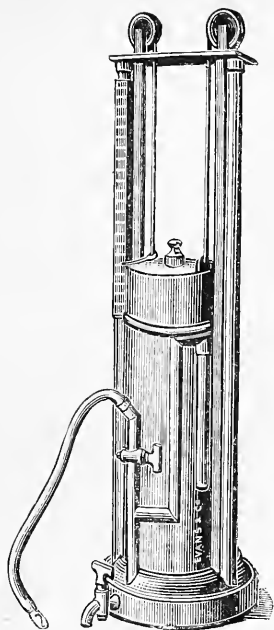


Fig. 881.

				£	s.	d.
Hutchinson's Spirometer (Fig. 881)	...	..	...	4	4	0

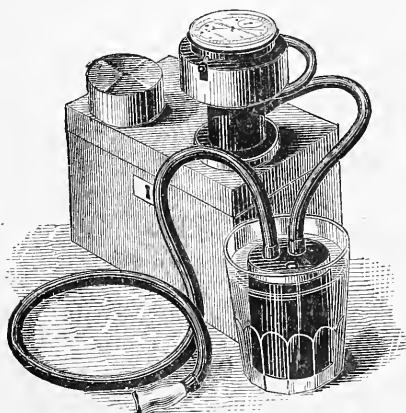


Fig. 882.

Lowndes's Portable Spirometer, in Case, complete (Fig. 882)	...	...	...	...	...	...	5	5	0
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Fig. 883.

					£	s.	d.
Quain's Stethometer (Fig. 883)	...	...	...	...	2	2	0
Sibson's	„	...	...	...	1	5	6
Chest Callipers, for Measuring the Chest	...	...	...	...	1	1	0
„	„	Edwards's	...	...	2	10	0
„	Measures,	Chesterman's Spring	...	...	0	2	0
„	„	„	Steel, with English and				
French Gauge Spring	...	...	...	...	0	3	0
Chest Measures, Wilford's, Patent Steel Tape	...	...	...	...	0	2	6

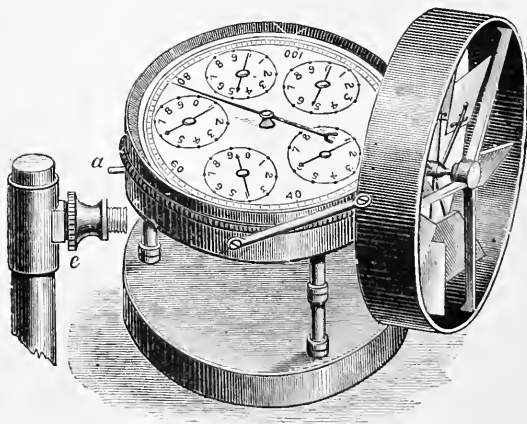


Fig. 884.

Anemometer (Fig. 884)	...	....	from £3 3s. to	5	5	0
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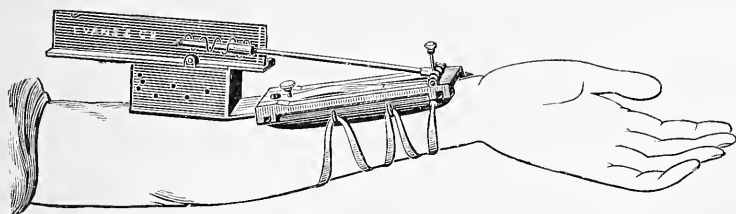


Fig. 885.

						£	s.	d.
Marey's Sphygmograph, in Case (Fig. 885)	...	...	...	...	...	7	0	0
Mahomed's	„	„	...	...	...	7	7	0

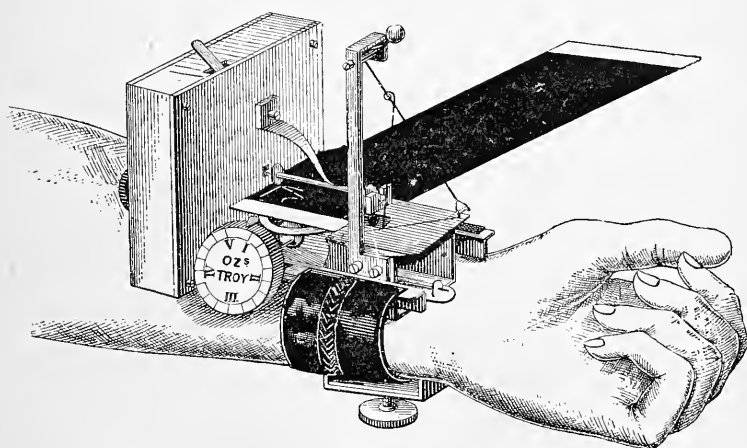


Fig. 886.

Dudgeon's Sphygmograph, in Case (Fig. 886)	...	...	2	10	0
Pond's	„	„	...	6	6
Arm-rest for Sphygmograph	...	...	...	0	10
Evans & Wormull's "Standard" Clinical Thermometer, with Corrections as determined at the Kew Observa- tory engraved thereon at their respective places	...	...	...	0	7
The "Standard" Clinical Thermometer, with Patent Lens- front and Permanent Index	...	...	...	0	9



Fig. 887.

The "Standard" Clinical Thermometer, with Patent Lens-front, Permanent Index, Kew Certificate, and Corrections as determined at the Kew Observatory engraved thereon at their respective places (Fig. 887) ...

£ s. d.

... 0 10 6

It is only the Unalterable Thermometers that are applicable for having their corrections engraved thereon.

All Clinical Thermometers have hitherto had the defect of gradually rising or reading too high.

The authorities at the Kew Observatory, knowing the above fact, include in their certificates of verification the following notice: "It is desirable that this instrument should be tested again after some time has elapsed, as Mercurial Thermometers are liable to read too high through age."

Now we have incontestably proved from verifications taken by Mr. Whipple, the Superintendent of the Kew Observatory, extending over a period of nine years, that we can manufacture Thermometers which shall not alter.

G. J. Symons, Esq., F.R.S., in a report of the International Inventions Exhibition, says that the above result is the most important in Thermometry for a quarter of a century.

The "Standard" Unalterable Clinical Thermometers are made with Patent Lens-front (magnifying the bore about ten times); Permanent Index (the loss of which is impossible); Indelible Engraving, and of Standard Precision, and will not through age read too high.

Clinical Thermometer, with Indestructible and Magnified Index ...

£ s. d.

... 0 7 6



Fig. 888.

Clinical Thermometer, with Indestructible Index (Fig. 888) ...

... 0 5 6



Fig. 889.

Clinical Thermometer and Caustic Holder combined (Fig. 889) ...

... 0 15 0



Fig. 890.



Fig. 891.

Clinical Thermometer, in Propelling Case (Figs. 890 and 891)	...	...	...	...	...	...	£ s. d.
							0 15 0

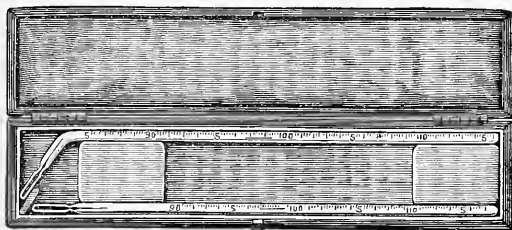


Fig. 892.

[illegible]

Fig. 893.

Immisch's Clinical Thermometer (Fig. 893) ... .. 0 17 0

					£	s.	d.
Immisch's Improved Maximum Thermometer	...	...	...	...	0	19	6

The new Maximum Thermometer is provided with a button prominently placed outside the pendant, which when pulled out fixes the pointer with a click. Pushing the button home releases the pointer. This very simple operation eliminates every element of uncertainty in any reading. It also makes the instrument more useful when it is left with nurses or patients. Ordinary clinicals can be exchanged for maximum instruments at a charge of 5s.

Kew Certificates are furnished, when desired, for an extra charge of 1s.

Temperature Charts, per 100	...	...	...	...	0	5	0
Bath Thermometers, 10 inch	...	...	...	...	0	3	0

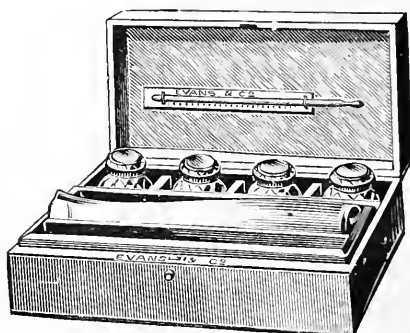


Fig. 894.

Portable Urinary Cabinet, containing Urinometer, Thermometer, Graduated Trial Glass, Lamp, Three Stopped Bottles, Test Tubes, and Papers (Fig. 894)	...	...	...	...	1	12	0
Beale's Urinary Cabinet, containing Urinometer, Graduated Trial Glass, Seven Capped Bottles, Spirit Lamp, Drop Bottle, Pipette, Stirring Rod, Precipitate Washer, Test Tubes and Holder, Test Papers, Watch Glasses, Microscopic Slide, and Thin Glass...	...	...	...	...	2	5	0
Alexander's Pocket Test Case, containing Improved Spirit Lamp, Test Tubes and Holder, Urinometer, Trial Jar and Holder, Ebonite Case, with Litmus and Turmeric Papers, Ebonite Case, containing Two Bottles ...	...	...	...	...	1	15	0

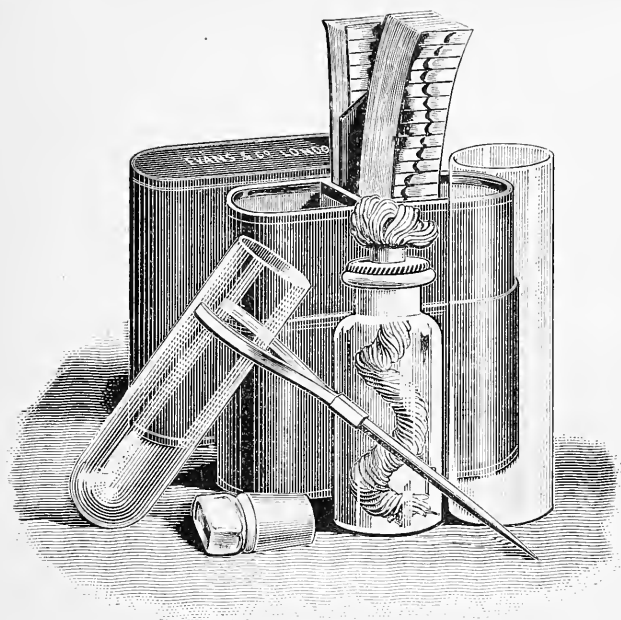


Fig. 895.

	£	s.	d.
Portable Test Case for the Waistcoat Pocket, containing Lamp, Trial Jar, Test Tube and Holder, with compartments for Oliver's Test Papers; Litmus and Turmeric Papers (Fig. 895) ... ..	0	5	0
Urinary Test Stand, with Drawer, containing Six Stoppered Bottles, Lamp, Graduated Trial Glass, Urinometer, Drop Bottle, Six Test Tubes and Holder, Test Papers, Watch Glasses, &c. ... ..	1	10	0
Urinary Cabinet, to lock up, with Drawer; contents as above ... ..	1	15	0



Fig. 896.

Urinometers, Glass (Fig. 896) ... ..	0	3	6
"    Vulcanite ... ..	0	8	0
"    Metal Gilt, large size ... ..	0	15	6
"    "    "    small " ... ..	0	10	6
Graduated Trial Glass ... ..	0	2	0
Test Tubes ... .. per set	0	0	8

	£	s.	d.
Oliver's Urinary Test Papers, for Albumen, Potassio, Mercuric-Iodine, Potassium, Ferro-cyanide ; in Boxes, each containing Three Dozen Precipitate Papers and Three Dozen Citric Acid Papers ... ..	0	1	0
Oliver's Indigo-Carmine Sugar Tests, in Boxes containing Three Dozen Papers and a few Sodæ Carb. Papers, for specially acid Urine ... ..	0	1	6
Pavy's Test Case and Pellets for Albumen ... ..	0	3	6
Litmus and Turmeric Books ... .. each	0	0	3

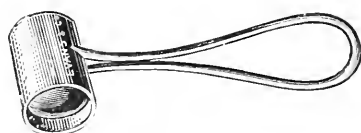


Fig. 897.

Coddington Lenses (Fig. 897) ... ..	0	7	6
Spirit Lamps, Glass ... .. 2s. 6d. and	0	3	6
Thermometer, with Ivory Scale ... ..	0	4	6

## FRACTURE APPARATUS AND SPLINTS.



Fig. 898.

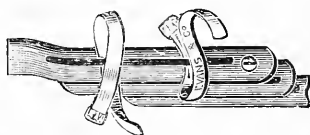


Fig. 899.

					£	s.	d.
Angular Arm Splint (Fig. 898)	...	...	...	...	0	3	0
" " " Iron	...	...	...	...	0	4	0
Cline's " " in sets of nine (Fig. 899)	...	...	...	...	0	8	6



Fig. 900.

Skipton's Interrupted Arm Splint (Fig. 900)	...	...	0	18	6
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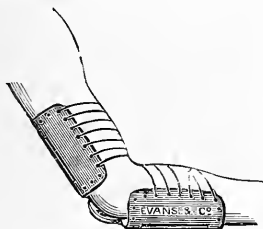


Fig. 901.

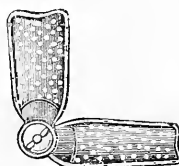


Fig. 902.

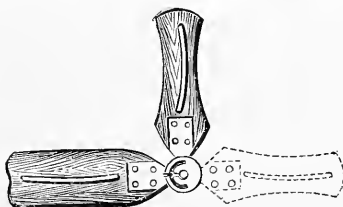


Fig. 903.

Jointed Elbow Splint, with Circular Joint (Fig. 901)	...	0	5	0
" " " Perforated Zinc (Fig. 902)	...	0	7	0
" " " Wood, with Set-screw (Fig. 903)	...	0	5	0



Fig. 904.



Fig. 905.

	£	s.	d.
Interrupted Elbow Splint, with Adjusting Screw (Fig. 904)	0	7	0
Wood's " " " " " (Fig. 905)	0	12	6



Fig. 906.

Heath's Extension Splint, for Excision of the Elbow Joint	1	5	0
Mason's " " " " " " " (Fig. 906)	0	15	0
Bonnet's Elbow Splint	0	7	6
Bryant's Splint for Excision of the Elbow	0	18	0
The Hand Plate is articulated with a Ball and Socket Joint.			
Jones' Splint for Treatment of Injured Elbow	0	8	0
(See <i>Lancet</i> , 20th June, 1885.)			
Winchester's Elbow Splint	0	7	6
" " " with movable Radius Plate	0	18	0

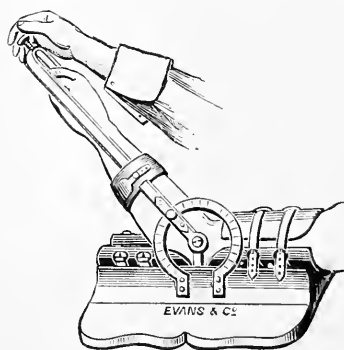


Fig. 907.

Bonnet's Apparatus for Contracted Elbow Joint (Fig. 907)	35s. to	2	10	0
Nelaton's Radius Splint	0	1	6	
Bonnet's " "	0	7	6	
Fisher's Poroplastic Arm Splint	0	5	0	
" " " " mounted with Straps, for				
use as an Arm Sling	0	10	6	
Hawkins' Hand Splint	0	8	0	





Fig. 908.



Fig. 909.

			£	s.	d.
Pemberton's Hand Splint (Fig. 908)	...	...	0	4	0
Durham's	"	"	0	4	0

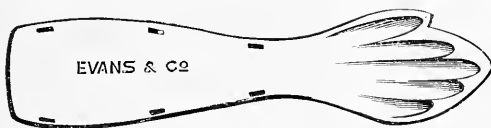


Fig. 910.

Hand and Arm Splint, for Fractured Phalanges (Figs. 909 and 910)	...	...	0	6	0
Gordon's Splint, for Colle's Fracture, Right and Left, per pair	...	...	0	10	0
Carr's	"	"	0	4	6
Pistol-shaped Radius Splint, Wood	...	...	0	1	6



Fig. 911.

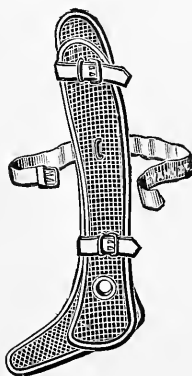


Fig. 912.

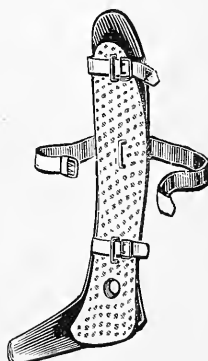


Fig. 913.

Cline's Leg Splints, Wood (Fig. 911)	...	per pair	0	5	6
" " " " Flat	...	"	0	3	0
" " " Woven Wire (Fig. 912)	...	"	0	11	0
" " " Perforated Zinc (Fig. 913)	...	"	0	7	0
" Interrupted Leg Splints, Iron	...	"	0	15	0



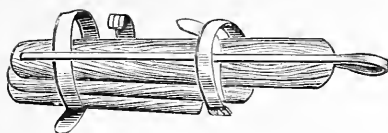


Fig. 918.

Cline's Thigh Splints, per set of three pieces (Fig. 918)

£	s.	d.
0	4	0

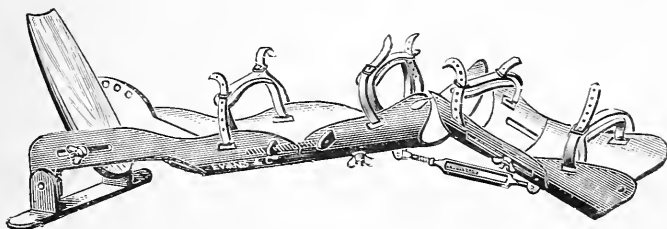


Fig. 919.

Barnes's Improved Double Inclined Plane (Fig. 919)	...	2	10	0
Liston's Large " " " "	...	1	5	0
McIntyre's Improved Double Inclined Plane, with extending Thigh and Leg Pieces	...	2	2	0

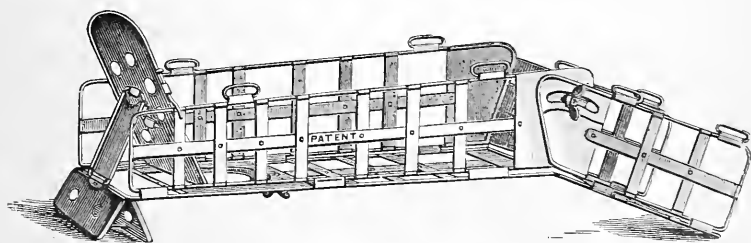


Fig. 920.

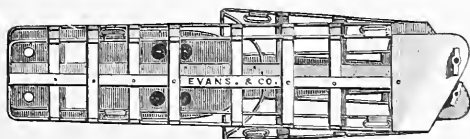


Fig. 921.

Evans & Wormull's Folding Double Inclined Plane, with Pad Cases (Figs. 920 and 921)	...	1	10	0
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The great difficulty experienced in dressing wounds of the leg without disturbing the wounded extremity, or in cases of compound fracture, has led to the construction of an apparatus, of which the following is a description:—

It is made of tinned iron to prevent rusting; and consists essentially of a back-piece, sides, and foot-rest, and has an oval-shaped opening to accommodate the

tendo Achillis and heel. The sides are joined to the back-piece by hinges, and are kept in position by thumb-screws. The foot-rest can be firmly secured at different angles by a rack at the back, thus preventing either backward or forward movement. At the end of the splint is a support to raise the foot, so as to prevent pressure on the heel. When not required, it can be turned up, and fits into the space between the two wings.

The advantages are these:—Bandages, with the exception of the one for the foot, are rendered unnecessary. The wound can be dressed by letting down the sides, unless it be confined to the back of the limb, and in most cases can be seen without disturbing the apparatus. The foot-rest remains fixed when the sides are let down: this is a most important point, as it is well known that one of the greatest difficulties in the treatment of fractured leg is to prevent either inversion or eversion of the foot. The sides and foot-rest are sufficiently high to keep off the pressure of the bed-clothes. The apparatus is convenient when it is necessary to move the patient; it is also simple in construction, durable, moderate in price, light, cool, easily kept clean, equally applicable to the right and left extremity, and allows the leg to be placed on the side. All the component parts being fastened together, it will always be found complete.

It is constructed to pack into the smallest possible compass, the sides folding behind the back-piece, the wings on one another, and the foot-rest lying flat when unfastened.

To save space in packing, the pad cases only are supplied, into which carbolized tow, lint, or any available material may be stuffed.

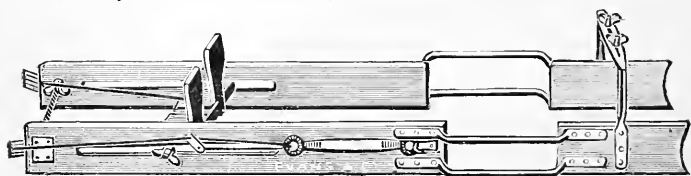


Fig. 922.

Bryant's Double Extension Splint, for Fracture or Hip  
Joint Disease, made in three sizes (Fig. 922)

£ s. d.

£2 to 3 0 0

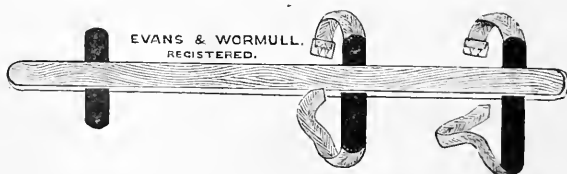


Fig. 923.

Day's Splint (Fig. 923) ... .. 0 5 6

(Vide *British Medical Journal*, 13th November, 1886.)

The great importance of early treatment of Hip Joint Disease is so well known and appreciated by the Profession, that any one who can lessen the expense and yet produce a really useful article must be conferring a boon to poor patients.

The Splint consists of a straight piece of wood which extends from the middle of scapula to three inches below the knee-joint, with three cross-bars of iron. These bars are for the chest to rest upon; the *pelvis*, and the third to have the *femur* fixed to. They prevent rotation of the Splint, as well as provide points to bandage from. The bandages should be applied in the form of figure 8; the *pelvis* bandage being applied reverse way to the chest bandage, so as to counteract

any tendency of the Splint sliding from side to side. The cross bars are provided with straps and buckles, so that during convalescence bandages can be dispensed with.

The measurements required are from nipple to three inches below knee joint, nipple to anterior superior spine of *pelvis*.

				£	s.	d.
Thomas's Hip Joint Splint, with Patten	...	...	...	1	10	0

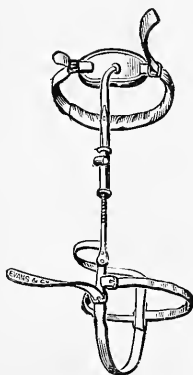


Fig. 924.

Sayre's Hip Joint Splint (Fig. 924)	...	£3 3s. to	4	4	0
Taylor's „ „ „	...	...	4	10	0



Fig. 925.

Duncan's Rattan Cane Splints (Fig. 925)...	...	per set	0	7	6
--	-----	---------	---	---	---

“These Splints have been invented for the treatment of fractures and other injuries where the use of such appliances is indicated. They are constructed in the following manner:—From four to seven pieces of cane are cut of an equal length, and placed parallel one to the other (the number of pieces and the length varying according to the requisite size of the Splint), they are fixed together by several pieces of copper wire passing through the substance of each cane from side to side, at given lengths. A rivet is placed at either extremity of the wire to secure it, and prevent the rods from yielding too much.

“The advantages of these Splints are their Lightness and Flexibility, admitting of the passage of air between the rods, and thus favouring the functions of the skin. The limb being first bandaged, they may be applied with but little padding, and in some cases without it altogether. With regard to their flexibility, they can be moulded to the fractured limb, and are particularly serviceable in fractures of the humerus, radius, and ulna. They are also found extremely useful in combination with other splints, such as the angular splint in fractures of the humerus, and with the long external splint in fractures of the femur, when there is a tendency to projection of the fractured ends of the bone from muscular traction. From their simple construction they can be readily cleansed, and may be considered very serviceable in hospital or private practice. They are manufactured by Messrs. Evans & Wormull.”—Vide *Lancet*.



Fig. 926.



Fig. 927.

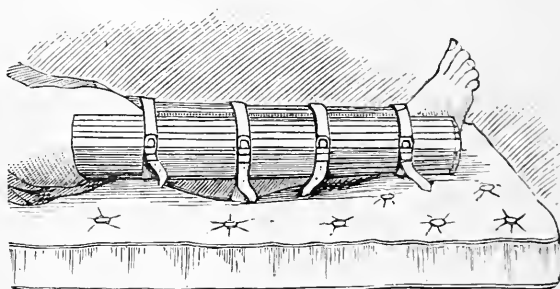


Fig. 928.

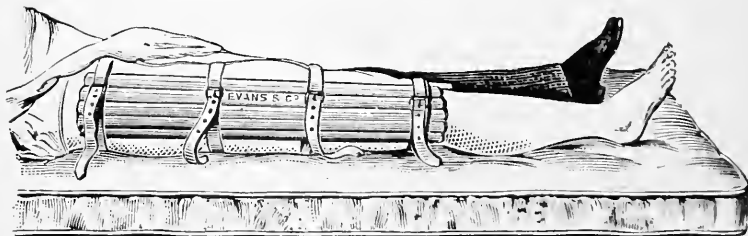


Fig. 929.

Moffitt's Battlefield and Accident Splints, with Pads,  
complete, applied as per sketches (Figs. 926 to 929)

£ s. d.  
per set    0 12 0

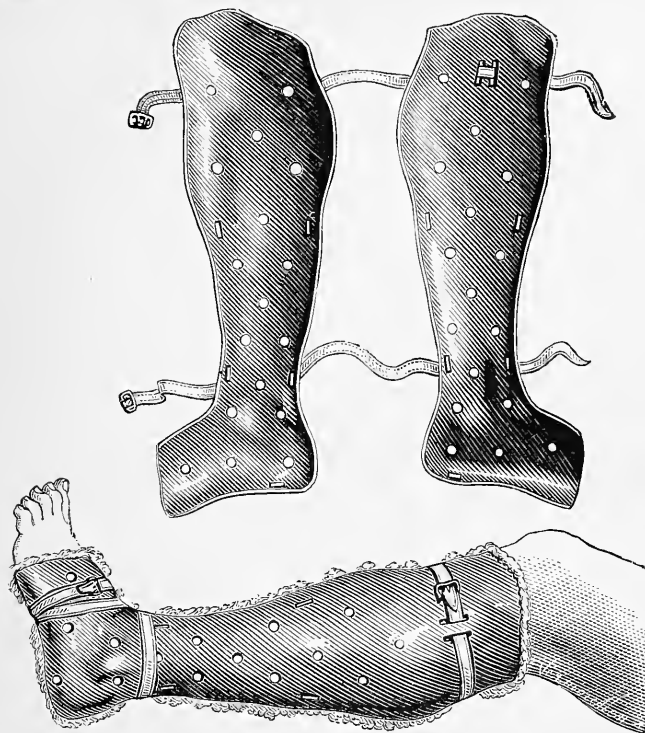


Fig. 930.

Guillery's Moulded Zinc Splints (Fig. 930) per pair	...	£	s.	d.
Guillery's Moulded Zinc Splints (Fig. 930). A Portable Box, containing a complete set of Splints, pair Shears and Pliers to bend the Zinc, a roll of Lint, Tow, and packet of Charpie, a few Bandages, and a Bottle containing a concentrated solution of Perchloride of Iron, suitable for Hospitals, Ambulances, Railway Depots, or Mines	...	0	6	0
	...	6	15	0

(See *British Medical Journal*, 8th December, 1883.)

These Splints are moulded from casts of the particular parts of the body to which they are applicable. Dr. Guillery, in preparing his moulds, selected a well developed and proportioned man, from whom he took plaster casts of the arms, forearms, legs, and thighs; from the patterns thus obtained, moulds were made on which the splints are shaped.

Zinc being very malleable, three sizes have been found sufficient for all cases, and Dr. Guillery, during the time he was chief surgeon of the St. Pierre Hospital, found no trouble in selecting from these, splints to fit any case that came under his care. They are made so that when fitted to the limbs, the edges of the inner and outer splints are a slight distance apart, so that if the patient does not quite

correspond to the type from which the moulds were taken, this slight distance allows for the difference.

In applying the splints select a pair that corresponds with the patient's height, &c.; line with a little wadding, and secure to the limb by means of the straps, with which they are provided. As the splints fit accurately, these straps will usually be found to keep them in position and render the limb rigid, without the aid of subsequent bandaging. The splints are in no way acted upon by bleeding, water, or other dressings, and being pierced with a number of holes, renders them light, and allows a free current of air to circulate. They are likewise clean in use, and easily cleansed if they get soiled, very durable, and being so readily applied, it is an easy matter to examine the wound.

In consequence of their lightness, portability, and the easiness and rapidity with which these splints can be applied even by comparatively inexperienced hands, they have been largely used by many of the foreign Governments during the late campaigns. Thus Dr. Guillery remarks :

"In the case of a simple fracture, the reduction is made by extension. It is only then necessary to remove the sole of the boot from the wounded leg, and the splints are placed in position outside the clothes, and secured by webbing straps, or the clothes may be removed, and a lining of tow or wadding substituted.

"If the fracture be complicated by bleeding, a piece of lint may be dipped into a solution of perchloride of iron, and introduced into the wound before applying the splints.

"Supposing the limb to be carried away, a handful of charpie or lint should be dipped into a solution of perchloride of iron, and applied to the bottom of the wound. The zinc splint is then cut lengthwise into three or four strips, and the ends turned under, to hold the wadding in its place beneath the stump, after which the splint is secured in the regular manner."

As these splints all fit into each other, they take up but little room; are light, strong, and easily packed.

			£	s.	d.
Pott's Lined Splints, per set of Sixteen	...	...	0	3	6
Gooch's Splintage, Lined	...	per square yard	0	10	0
Millboard for Splints	...	per sheet	0	2	0
Cocking's Poroplastic, for Splints	...	per lb. 4s. 6d. and	0	6	6
Crimean Splints	...	per set	0	10	6
Malgaigne's Double Hook	...	...	0	15	0

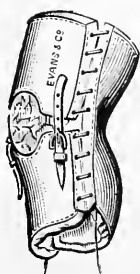


Fig. 931.



Fig. 932.

Fracture Patella Apparatus (Fig. 931)	...	...	1	1	0
Lonsdale's „ Splint	...	...	2	5	0
Parsons' „ „	...	...	2	5	0
Contracted Knee Joint Apparatus (Fig. 932)	...	...	1	1	0



			£	s.	d.
Leg Sling, with Strap to pass round the Neck	...	...	0	15	0

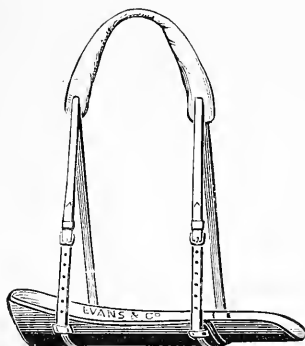


Fig. 933.

Arm Slings, Leather (Fig. 933)	...	...	0	10	6
„ „ Patent Leather (Fig. 933)	...	15s. to	1	1	0
„ „ Japanned Wire Gauze, with Pad	...	...	0	15	0

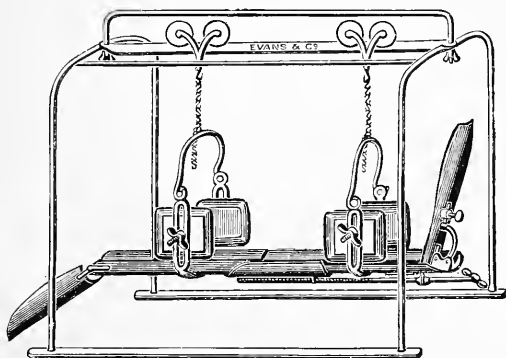


Fig. 934.

Greenway's Fracture Splint and Cradle (Fig. 934)	...	3	10	0
Greenslade's „ „ „ „	...	3	12	6
Farmer's „ „ „ „	...	3	10	0
Lawrence's „ Cradle	...	1	5	0
„ „ „ with set of Three Splints	...	3	3	0

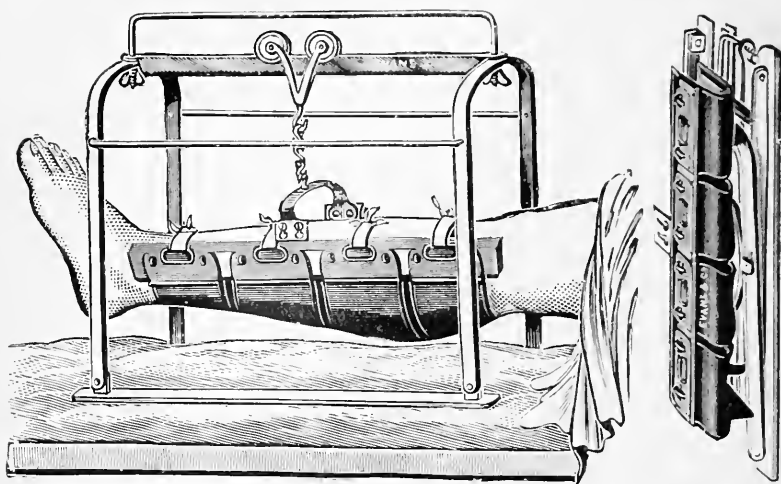


Fig. 935.

	£	s.	d.
Salter's Improved Folding Fracture Cradle (Fig. 935) ...	2	2	0

The Illustration likewise shows the Cradle folded up for portability.

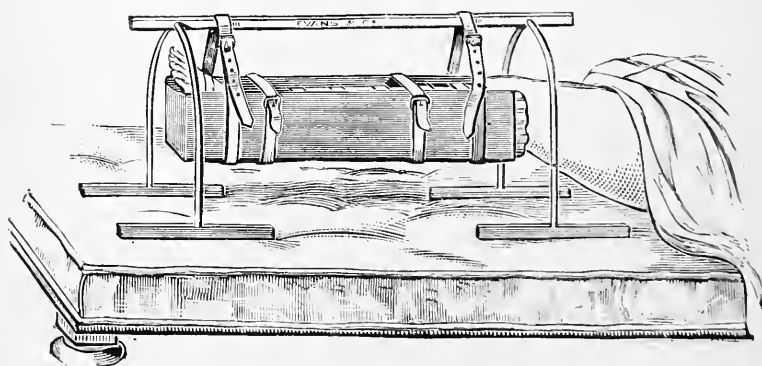


Fig. 936.

Improved Fracture Box and Cradle (Fig. 936) ...	0	12	0
Cradles for Removing the Pressure of the Bed-clothes.			
Small ... ..	0	7	6
Cradles for Removing the Pressure of the Bed-clothes,			
Large, for the Body ... ..	0	10	6

	£	s.	d.
Standard Extension Apparatus, with Pulleys and Weights, complete, for Hospitals	1	1	0

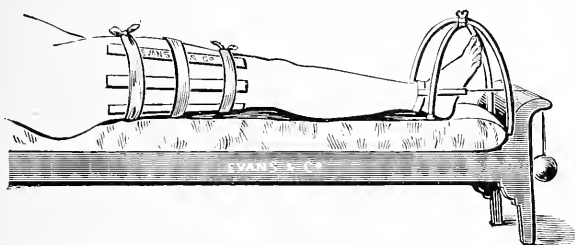


Fig. 937.

Dugas's Counter Extension Apparatus (Fig. 937)	...	1	5	0
Apparatus for Reducing Dislocations, consisting of Body Belts, Pair of Pulleys, with Cords and Hooks, com- plete	...	3	0	0
Forceps for Reducing Dislocation of Fingers and Thumb	...	1	1	0

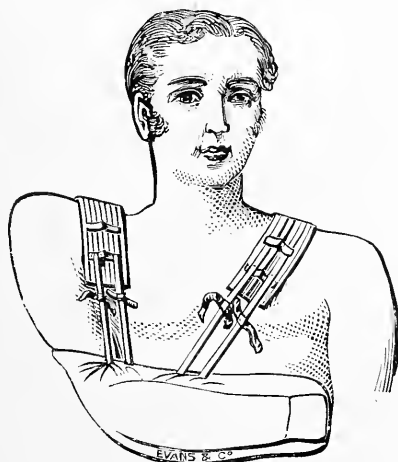


Fig. 938.

Ellis's Apparatus for Dislocated Clavicle (Fig. 938)	...	1	5	0
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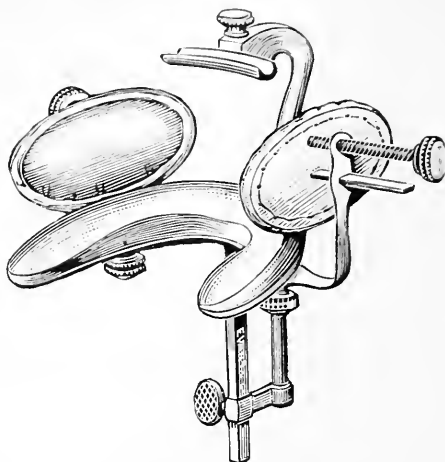


Fig. 939.

						£	s.	d.
Lonsdale's Apparatus for Fractured Jaw, complete, in								
Case (Fig. 939)	...	...	...	...	...	2	7	6

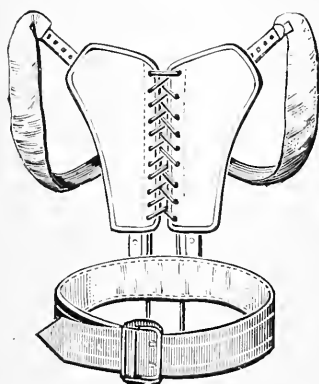


Fig. 940.

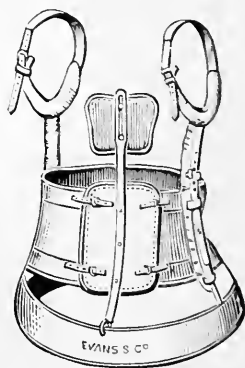


Fig. 941.

Brador's Apparatus for Fractured Clavicle (Fig. 940)								
						42s. to	3	3 0
Spinal Apparatus for Inward Curvature (Fig. 941)								
						£3 10s. to	6	6 0
" " " Angular or Outward Curvature							6	6 0

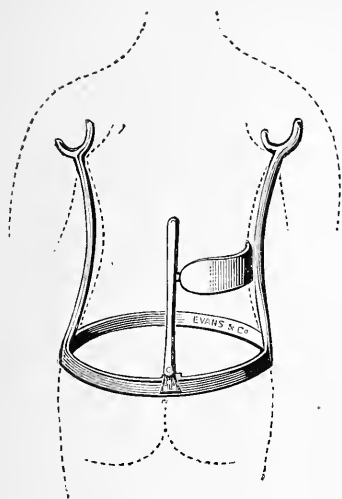


Fig. 942.

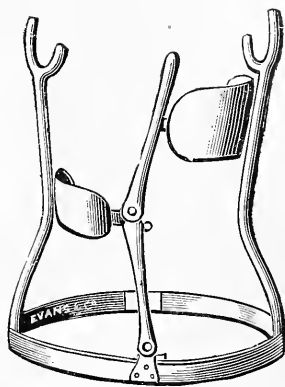


Fig. 943.

Spinal Apparatus for Single Lateral Curvature (Fig. 942)

65s. to

„ „ „ Double „ „

(Fig. 943)

£3 10s. to

Sayre's Seamless Shirts ... 3s. to

„ Bandages prepared with Plaster of Paris per doz.

£ s. d.

4 0 0

4 10 0

0 4 0

0 7 6



Fig. 944.

Apparatus for Torticollis, or Wry Neck, the degree of support and motion being regulated by Rack and Pinion Movements (Fig. 944)

... 14 10 0

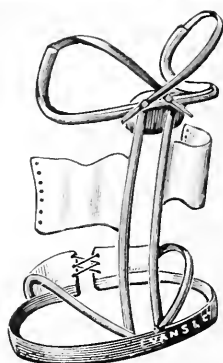


Fig. 945.

Spinal Support and Apparatus for Removing the Weight of the Head and upper part of the Trunk, and placing it on the Pelvis (Fig. 945) ...

£4 10s. to

£ s. d.

7 10 0

**DIRECTIONS FOR MEASURING.**—*Spinal Supports.* Take circumference of pelvis, waist, and chest, state length from under armpit to pelvic brim, and also similar measurement on opposite side. Describe character of curvature, and give specific instructions. In all these cases it is desirable that the case should be measured by a practical mechanician.

To insure a correct fitting instrument a plaster cast should, if possible, be sent.

Sayre's Suspension Apparatus, for applying Plaster of Paris Jackets, complete ...

£5 10s. to

7 7 0

Sayre's Jury Mast, for Pott's Disease ...

£1 10s. and

2 2 0

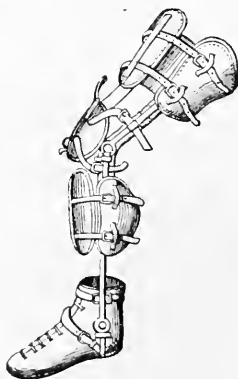


Fig. 946.

Apparatus for Contracted Knee, with Rack Movement for Gradual Extension (Fig. 946) ...

£2 10s. to

4 10 0

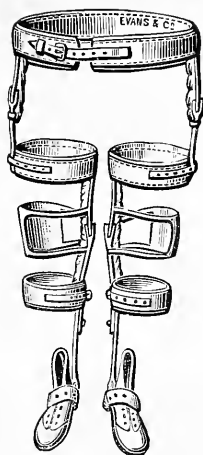


Fig. 947.

						£	s.	d.	
Apparatus for Bow Legs, with Waist Belt (Fig. 947)						£5 5s. to	10	10	0
"	"	"	Single	...	...	...	3	3	0
"	"	"	for Knock Knee, Single	...	...	...	3	3	0
"	"	"	Double	...	...	...	4	10	0

DIRECTIONS FOR MEASURING.—*Leg Irons.* Take circumference of limb, or limbs, at calf and middle of thigh, at knee joint and ankle; state length of limb from centre of knee to heel; and from knee to groin; and if for outward, or inward curvature, and right or left leg.

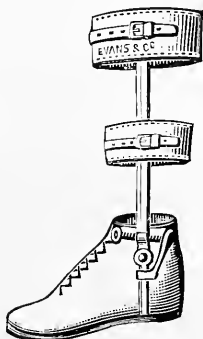


Fig. 948.

Apparatus for Talipes, or Club Foot (Fig. 948) ...						...	1	10	0
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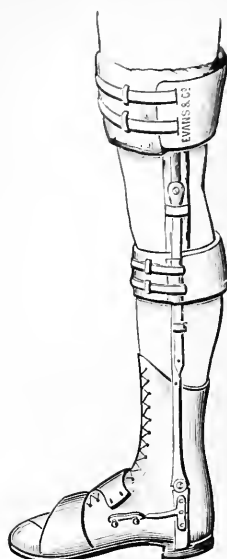


Fig. 949.

Apparatus for Talipes, or Club Foot, where the support is required to be extended to the Thigh (Fig. 949) ... 45s. to

£ s. d.  
3 0 0

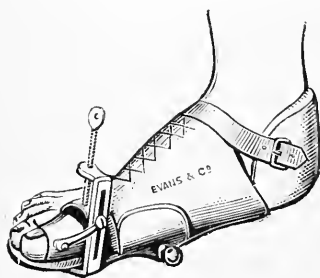


Fig. 950.



Fig. 951.

Sayre's Apparatus for Talipes, or Club Foot	...	...	2	2	0
Shoe for Talipes, or Club Foot (Fig. 950)	...	...	2	10	0
Scarpa's Shoe for Talipes or Club Foot	...	...	1	15	0
Little's Tin Shoe, for Club Foot	...	...	0	5	0
Bunion Springs (Fig. 951)	...	...	15s. to	1	1 0
Support for Un-united Fracture of the Fore-arm, Humerus, Tibia, and Femur	...	...	£3 3s. to	5	5 0



## ARTIFICIAL LIMBS. CRUTCHES.

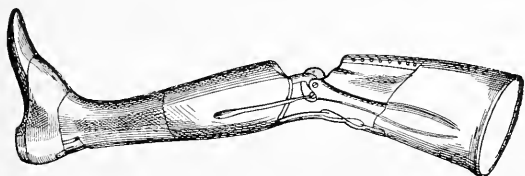


Fig. 952.

Artificial Leg, for Amputation below the Knee, with Latest Improvements (Fig. 952) ... £ 10 10s. to 20 0 0

Measurements required for Artificial Leg, where amputation has been below the knee.

Take circumference of stump close to extremity, and at middle of remaining part, at knee, three inches above knee, and near the crutch. State length of stump from knee; give measurements of sound limb around knee, calf, ankle and instep; also length of foot, and length of limb from knee joint to heel, and whether for right or left leg.

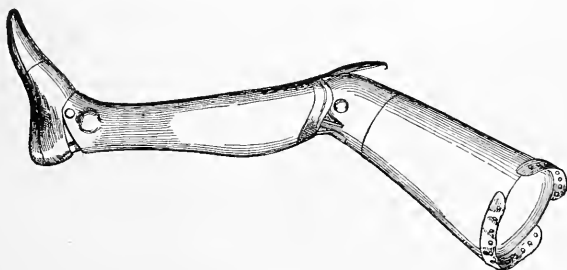


Fig. 953.

Artificial Leg, for Amputation above the Knee, with Movable Foot (Fig. 953) ... £ 10 10s. to 20 0 0

Measurements required for Artificial Leg, where amputation has been above the knee.

Take circumference of stump close to extremity, at middle of remaining part and near the crutch, and state length of stump from the crutch; give measurements of sound leg at knee, calf, ankle, and instep; state also length of foot, and length of limb from the crutch to knee, and from knee to heel, and whether for right or left leg.



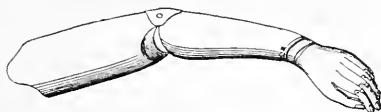


Fig. 956.

Artificial Arm, for Amputation above the Elbow (Fig. 956) £ s. d.  
 £12 12s. to 15 15 0

Measurements required where amputation has been above the elbow.

Take circumference of stump, close to extremity, and at middle of remaining part of arm; state length of stump, from armpit to extremity, and size of sound arm at middle of upper arm, elbow, and wrist, and length from armpit to elbow, and elbow to wrist; trace size of sound hand with fingers closed. Where possible, a plaster cast is preferable.

Arm, with Hook and Fork, for Amputation above the Elbow ... .. from	2	2	0
Arm, with Hook and Fork, for Amputation below the Elbow ... .. from	2	2	0
Artificial Eyes, from Stock ... ..	1	1	0
„ „ to Order ... ..	1	10	0

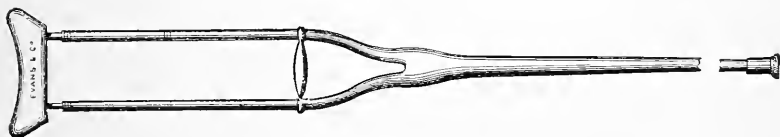


Fig. 957.

Crutches, Double Spring, with Adjusting Handles (Fig. 957) ... .. per pair	2	5	0
Crutches, Single Spring ... .. „	1	17	0



Fig. 958.

Crutches, Best Double (Fig. 958) ... .. per pair	1	15	0
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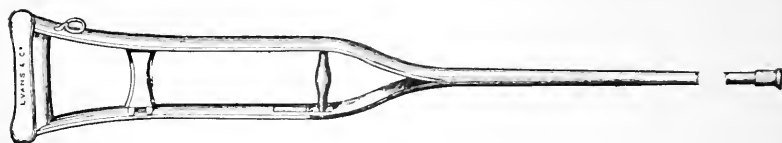


Fig. 959.

Improved Crutch, with Elastic Head (Fig. 959)	per pair	£	s.	d.
		2	10	0

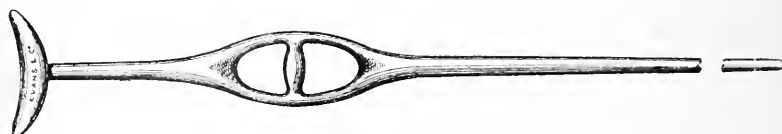


Fig. 960.

Crutches without Spring (Fig. 960)	...	per pair	1	10	0
Black Crutches, with Stuffed Heads	...	„	0	7	6

Measurements required for Crutches.—Length from axilla to the ground.

## TRUSSES. ABDOMINAL BELTS.

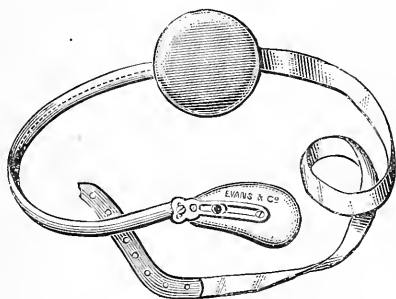


Fig. 961.

						£	s.	d.
Evans & Wormull's Improved Coles's Truss, Single, with Sliding Pad (Fig. 961)	...	...	...	...	...	0	15	0
Evans & Wormull's Improved Coles's Truss, Double, with Sliding Pad	...	...	...	...	...	1	10	0

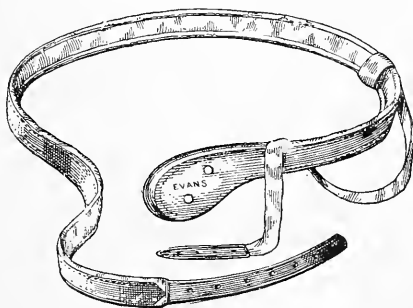


Fig. 962.

Trusses, Single Circular Spring (Fig. 962)	...	...	...	...	...	0	5	0
„ Double „ „	...	...	...	...	...	0	8	6
	X							

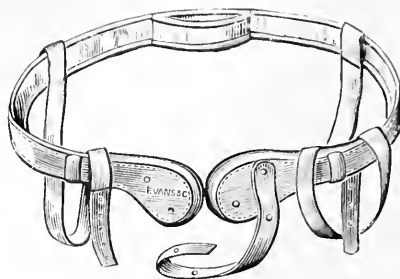


Fig. 963.

						£	s.	d.
Trusses, Double Circular Spring, with Sliding Back								
(Fig. 963)	...	...	...	...	...	0	12	0
„ Best Single Circular Spring, for Scrotal Hernia...						0	10	6
„ „ Double „ „ „ „ „ „						1	1	0

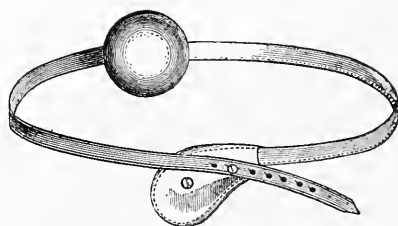


Fig. 964.

Coles's Truss, Single (Fig. 964)	...	...	...	...	...	0	10	6
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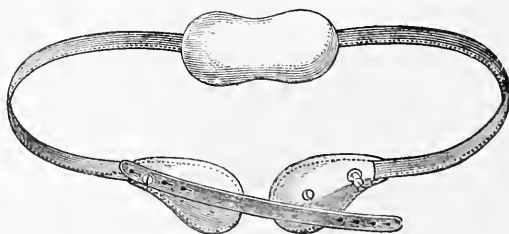


Fig. 965.

Coles's Truss, Double (Fig. 965)	...	...	...	...	...	1	1	0
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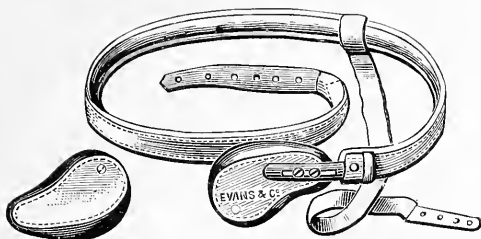


Fig. 966.

Reversible Truss, Single, with Sliding Pad (Fig. 966) ...	£	s.	d.
	0	10	0

These Trusses are supplied with two Pads, and can be used for either the right or left side.

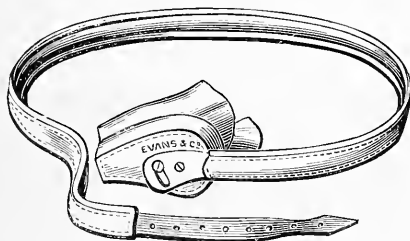


Fig. 967.

L'Estrange's Spring Pad Truss, Single (Fig. 967) ...	£	s.	d.
	1	1	0

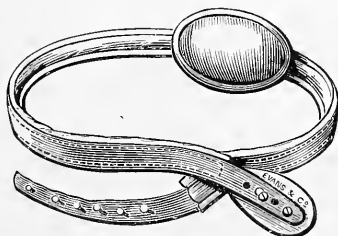


Fig. 968.

Dartnell's Single Truss (Fig. 968) ...	£	s.	d.
	0	6	0

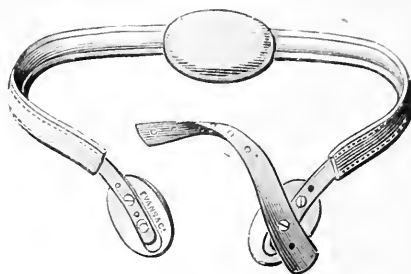


Fig. 969.

				£	s.	d.
Dartnell's Double Truss (Fig. 969)	...	...	...	0	12	0

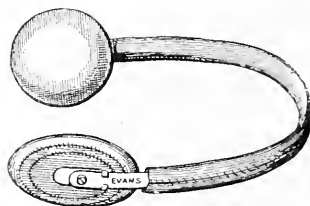


Fig. 970.

Salmon and Ody's Pattern Single Truss (Fig. 970)	...	...	...	0	5	0
" (Fig. 970) " " " " " " " superior quality	...	...	...	0	10	6
Salmon and Ody's Pattern Double Truss...	...	...	...	0	10	0
" " " " " " " " superior quality...	...	...	...	1	1	0

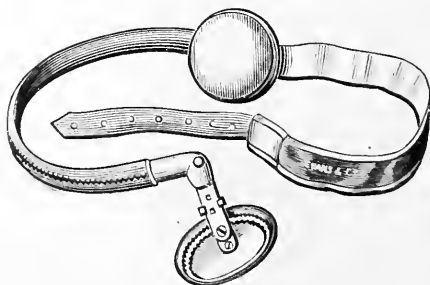


Fig. 971.

Single Femoral Truss, with Ball and Socket Movement (Fig. 971)	...	...	...	...	...	0	7	6
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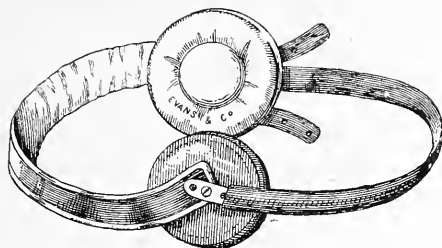


Fig. 972.

						£	s.	d.
Umbilical Truss (Fig. 972)	...	...	...	...	...	1	1	0

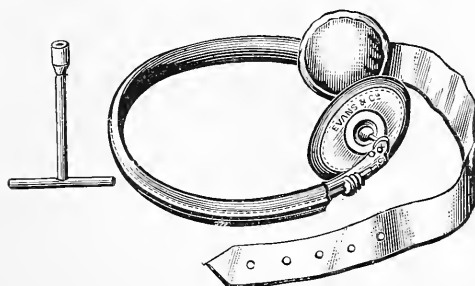


Fig. 973

Evans & Wormull's Improved Truss, with Screw, by which the pressure can be increased at pleasure.

Single (Fig. 973)...	...	...	...	...	...	1	1	0
Double ...	...	...	...	...	...	1	10	0

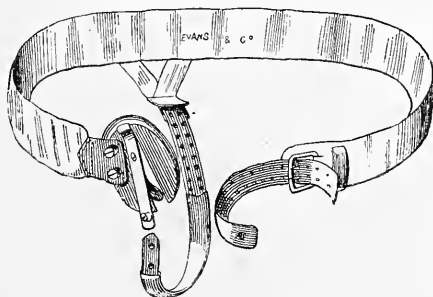


Fig. 974.

Moc Main Truss, Single (Fig. 974)	...	...	...	...	...	0	12	0
Double ...	...	...	...	...	...	1	1	0

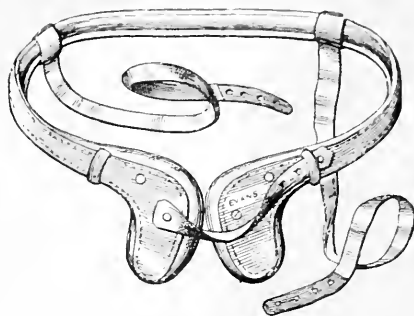


Fig. 975.

Circular Spring Truss, Double Femoral (Fig. 975) ...

£	s.	d.
0	15	0

Measurements for Trusses.—Circumference of the body one inch below the hips. State whether for right or left side, or both, and if the rupture is reducible.

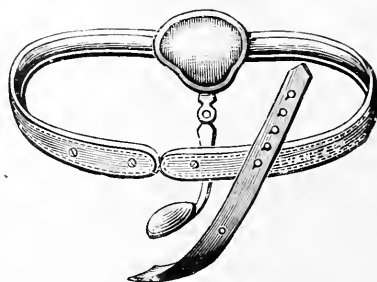


Fig. 976.

Prolapsus Ani Truss, with Movable Spring Pad (Fig. 976) ...

30s.	to	2	2	0
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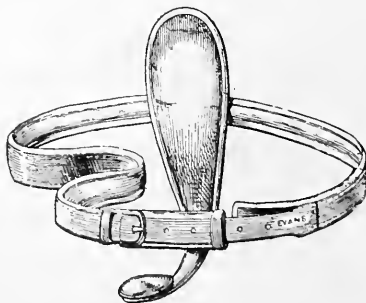


Fig. 977.

Prolapsus Ani Truss, with Fixed Pad (Fig. 977)...

...	1	1	0
-----	---	---	---

		£	s.	d.
Suspensory Bandages	... .. each	0	1	6
"	with Tape to reduce the size of Bag "	0	2	0
Suspensory Bandages, Silk	... .. "	0	3	6
Berkley Hill's Suspensory Bandages, without Waistband	... .. "			
	4s. 6d. and	0	6	6



Fig. 978.

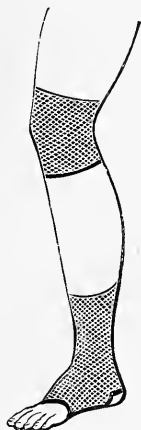


Fig. 979.

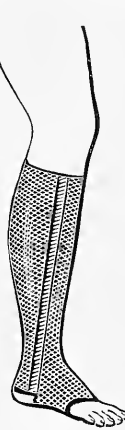


Fig. 980.

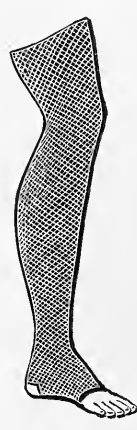


Fig. 981.

Elastic Knee Cap, Cotton (Fig. 979)	... .. each	0	3	6
" " Silk (Fig. 979)	... .. each	6s. to	0	10 6
" Ankle-piece, Cotton (Fig. 979)	... .. each	0	5	0
" " Silk (Fig. 979)	... .. each	6s. to	0	10 6
" Thigh-piece Cotton	... .. each	0	3	6
" " Silk	... .. each	5s. to	0	7 6
" Stocking, Cotton (Figs. 978 and 980)	... ..	0	6	0
" " Silk (Figs. 978 and 980)	... ..	0	8	0
" Stockings, Long, Cotton (Fig. 981)	... ..	0	10	6
" " " Silk (Fig. 981)	... ..	0	15	6

MEASUREMENTS REQUIRED FOR ELASTIC STOCKINGS,  
LEGGINGS, ANKLETS, &c. Fig. 982.

*Stockings.*—Give circumference at D, E, F, G, H, I, O, and length from D to K.

*Stockings, Long.*—Give circumference at all parts, A to I inclusive, and length from A to C, C to G, G to I, and G to K.

*Leggings.*—Give circumference at D, E, F, G, and length from D to G.

*Anklet.*—Give circumference at G, H, I, O, and length from G to O, and O to I.

*Knee Cap.*—Give circumference at B, C, D, and length from B to D.

*Thigh Piece.*—Give circumference at A, B and C, and length from A to C.

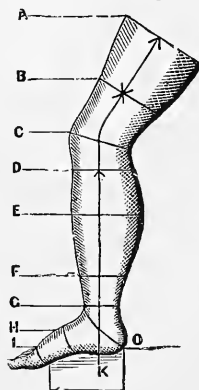


Fig. 982.



Fig. 983.

	£	s.	d.
Chest-Expanding Braces for Ladies, Gentlemen, and Children (Fig. 983) ... ..	0	6	0
Chest-Expanding Braces for Ladies, Gentlemen, and Children, with Steel Plates ... ..	0	8	0

Measurements required: Circumference of Chest and Waist.

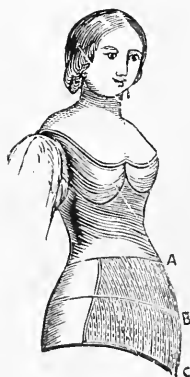


Fig. 984.



Fig. 985.

Abdominal Belts, to draw on, Cotton (Fig. 984)...	...	0	15	0
"    "    "    "    Silk	...	1	1	0
"    "    to lace, Cotton (Fig. 985)	...	1	5	0
"    "    "    Silk	...	1	10	0

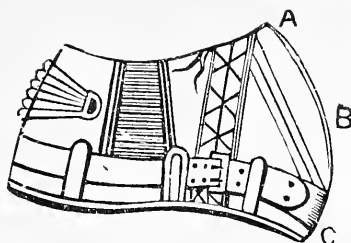


Fig. 986.

			£	s.	d.
Abdominal Belt, Cotton Elastic (Fig. 986)	...	...	1	1	0
" " Best " "	...	...	1	10	0

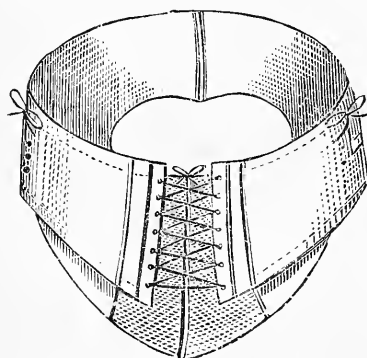


Fig. 987.

Abdominal Belt, Cotton Elastic (Fig. 987)	...	...	1	1	0
" " Best " "	...	...	1	5	0

Measurements required for Abdominal Belts.—Circumference of waist at A, ditto below the waist at B, ditto over the hips at C. Depth at front A to C.

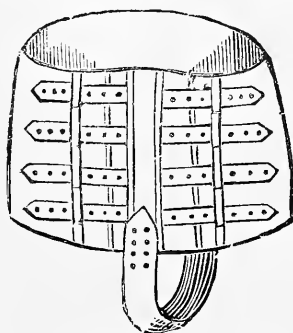


Fig. 988.

Greenhalgh's Obstetric Binders (Fig. 988)	...	...	0	7	6
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						£	s.	d.
Abdominal Belts for Gentlemen, to buckle	...	...	...	...	...	1	10	0
" " " " " Best	...	...	...	...	...	2	2	0
" " " " " Flannel, to buckle	...	...	...	...	...	0	8	6
Riding Belts	...	...	...	...	8s. 6d. to	0	12	0
Umbilical Belts for Children, to lace	...	...	...	...	5s. and	0	7	6
" " " " " to draw on	...	...	...	...	...	0	3	0
Wristlets, Leather, to lace	...	...	...	...	...	0	7	6
" " " " " Silk Elastic, to lace	...	...	...	...	...	0	5	6

## INVALID APPLIANCES.

	£	s.	d.
Bed Rest, Mahogany, Covered with Leather (Fig. 989)...	2	7	0
„ „ Wood, with Cane Back ... ..	1	15	0
„ Tables, to rest on the Bed ... ..	1	1	0

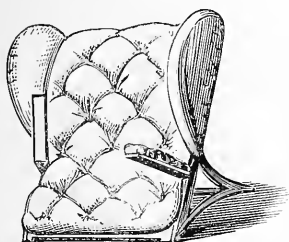


Fig. 989.

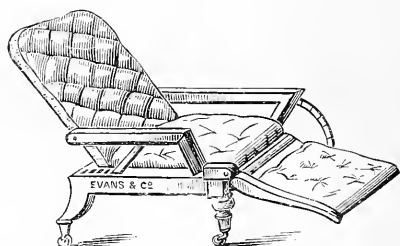


Fig. 990.

Invalid Chair, with Rack Adjustment, to Regulate Position (Fig. 990) ... ..	£15 to 20	0	0
Invalid Carrying Chair ... ..	£3 15s. to 5	5	0
„ Chair Self-propelling ... ..	... ..	8	0
„ „ „ „ (Fig. 991) ... ..	£16 to 26	0	0

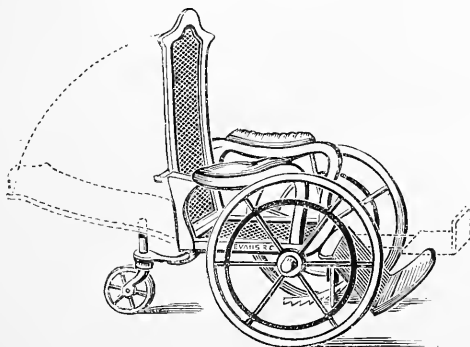


Fig. 991.

The dotted lines are intended to show how it may be adapted for the horizontal or sitting position.

	£	s.	d.
Invalid Bed Lift, for raising the Patient without disturbance whilst the bed is made ... ..	3	10	0
Leg Rests ... .. 18s. to	1	5	0
Stretchers, Folding, as required to be kept at every Colliery, under the Coal Mines Regulation Act, 1887, Section 49, Rule 34; weight, 28 lbs. ...	1	5	0
Stretchers, Ambulance, Paris, Mark V. ... ..	2	10	0

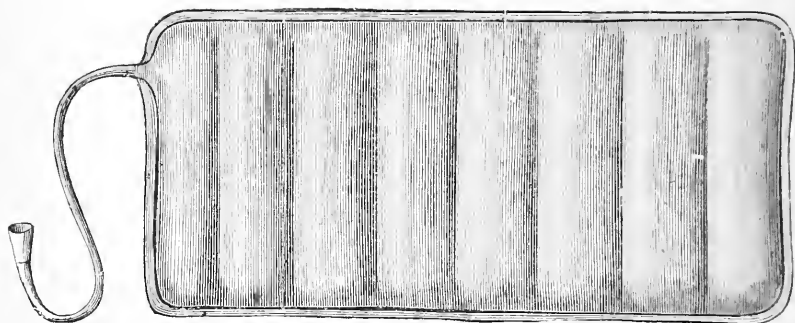


Fig. 992.

Hot Water Beds (Fig. 992) ... ..	8	8	0
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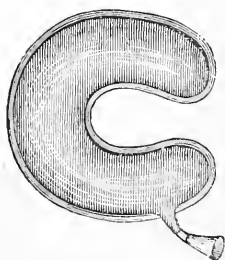


Fig. 993.

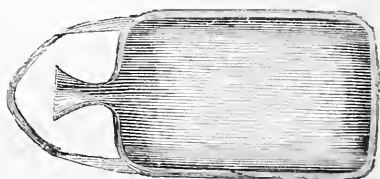


Fig. 994.

Hot Water Bottle (Fig. 994), sizes, 12 by 6 ... ..	0	5	0
" " " " " 14 by 8 ... ..	0	6	6
" " " " " 16 by 12 ... ..	0	10	6
" " Neck Pillow (Fig. 993), sizes, 16 by 23 inches	0	13	0
" " " " " 18 by 25 inches	0	15	0



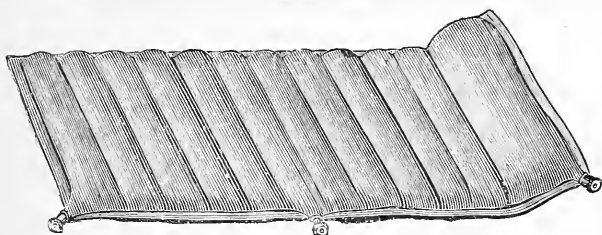


Fig. 995.

			£	s.	d.
Air Beds, with Raised Pillow (Fig. 995)	...	£4 10s. and	5	0	0
„ „ Mattress 36 by 72 inches	...	...	4	10	0

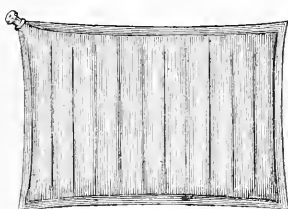


Fig. 996.

Reeded Air Cushions (Fig. 996)	...	...	...	0	10	6
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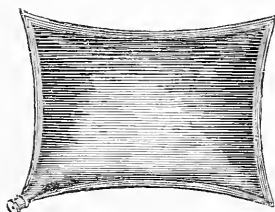


Fig. 997.

Square Air Pillows (Fig. 997)	...	...	...	...	0	10	6
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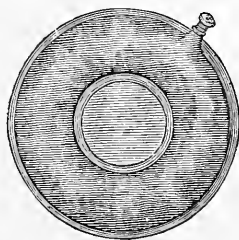


Fig. 998.

Round Air Cushions (Fig. 998)	...	...	...	...	0	10	6
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## ANTISEPTIC APPARATUS AND DRESSINGS.

	£	s.	d.
Lister's Antiseptic Steam Spray, with Double Jets, in Case, complete ... ..	7	7	0
Lister's Antiseptic Steam Spray, with Reservoir under Stand for holding Solution ... ..	8	8	0



Fig. 1002.

Antiseptic Spray Apparatus, Richardson's, with Bellows and Bottle, complete, in Case ... ..	0	15	0
Antiseptic Spray Apparatus, Richardson's, with three Mounts (Fig. 1002) ... ..	0	19	0
Siegel's Antiseptic Steam Spray Apparatus, Tin ... ..	0	8	6
" " " " " " Brass ... ..	0	10	0

	£	s.	d.
Antiseptic Steam Spray Apparatus, fitted with Double Jets and Pump, for Injecting water when in use ...	11	11	0
Antiseptic Steam Spray Apparatus, with Copper Boiler, Single Jet ... .. £4 4s. and	3	3	0
Antiseptic Spray Apparatus, Lister's Large, with Bellows and Bottle, complete, in Case ... ..	1	5	0
Robson's Antiseptic Dry Spray Apparatus £2 2s. and	4	4	0
Lister's Carbolized Antiseptic Gauze ... .. per yard	0	0	4
Iodoform Gauze ... ..	0	0	6
Carbolized Gauze Bandages, 2 inches ... .. per doz.	0	3	6
„ „ „ 3 „ „ „ „	0	4	6
„ Catgut Ligatures, of sizes, small Bottle 2s. and	0	3	0
„ Cotton Wool ... .. per lb.	0	3	6
Iodoform „ „ „ „ „ „	0	7	6
Boracic „ „ „ „ „ „	0	3	6
Salicylic „ „ „ „ „ „	0	4	0
Eucalyptus „ „ „ „ „ „	0	3	6
Marine Lint... ..	0	2	0
Tenax „ „ „ „ „ „	0	2	6
Lister's Oiled Silk Protective „ „ „ „ per yard	0	3	0
„ Pink Mackintosh „ „ „ „ „ „	0	3	0
Absorbent Cotton Wool „ „ „ „ „ „ per lb.	0	2	6
Gamgee Tissue „ „ „ „ „ „	0	2	6
Lint, Warranted to Tear Both Ways „ „ „ „	0	2	3
Boracic Lint „ „ „ „ „ „	0	2	3
Iodoform „ „ „ „ „ „	0	6	6
Cotton Wool „ „ „ „ „ „	0	2	6
Oiled Silk „ „ „ „ „ „ per square yard	0	5	0
Gutta Percha Tissue „ „ „ „ „ „ per „	0	2	0
India-rubber Drainage Tubing, of various sizes „ „	0	2	0
Drainage Tube Introducers „ „ „ „ 4s. and	0	6	0
Lister's Forceps for Introducing Drainage Tube „ „	0	4	6
Water Dressing Bandages „ „ „ „ per doz.	0	6	0
Calico Bandages „ „ „ 2½ inch 5s., 3 inch „	0	7	0
Flannel „ „ „ „ „ „	1	0	0
Bandages, Pure India-rubber, 10½ feet long „ „	0	6	6
„ „ „ 15 „ „ „ „	0	9	6
Bandage Winders, Wood „ „ „ „ „ „ from	0	4	6
Evans & Wormull's Bandage Winders, Brass „ „	0	5	6

This Machine is made with a Movable Support, by which the width can be regulated to take either a 2½ inch, 3 inch, 3½ inch, or 4 inch Bandage.

Esmarch's Illustrated Triangular Bandages	per doz.	0	7	0
Suture Buttons, Cylindrical, with Hole through Centre	per doz.	0	2	0
Suture Plates, Lead, various Sizes...	... .. each	0	0	6

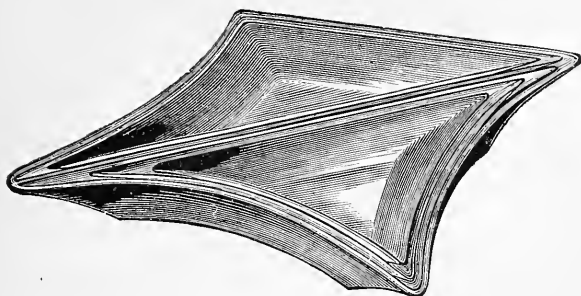


Fig. 1005.

Surgical Dressing Basins, Tinned Copper (Figs. 1004 and 1005) per Set of three £ s. d.  
1 1 0

These Basins are intended for use in cases of Ulcers, Wounds, Hurts and Sores of all kinds requiring the application of fluids. It is obvious that the ordinary round vessels employed in dressing sores, &c., are ill-suited for the chief object in view, viz., that of catching or receiving the waste: circular pans only touch the surface of the limb at one point to a very limited extent, so that the water or lotion that is being applied runs down the sides, wetting everything in the vicinity; or the affected part has to be raised and the vessel passed entirely underneath—a procedure in many instances injurious and not unfrequently impossible.

The curves of these “Surgical Dressing Basins” have been moulded on the living model, and are adapted to the various contours of the limbs and to the different portions of the trunk in every posture, so that in washing a sore, or using any fluid, as a solution of carbolic acid or of the permanganates, the application can be free and continued for any length of time, without risk of wetting other parts of the limb or soaking the patient’s clothing.

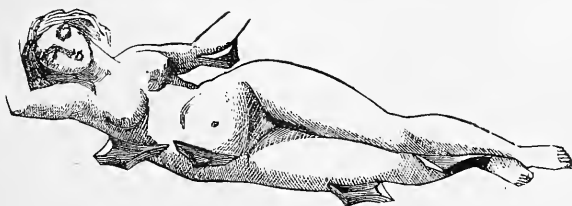


Fig. 1004.

A complete nest of “Surgical Dressing Basins” has curves to suit every part of the body in any position, either recumbent, erect or sitting; but single basins, adapted for particular parts, can be purchased. The drawing (Fig. 1004) shows many applications of these basins, but there are numerous surfaces to which they are equally applicable.

Dressing Basins, Kidney-shaped, Vulcanite, 6s. 6d., 7s. 6d. £ s. d.  
0 8 6

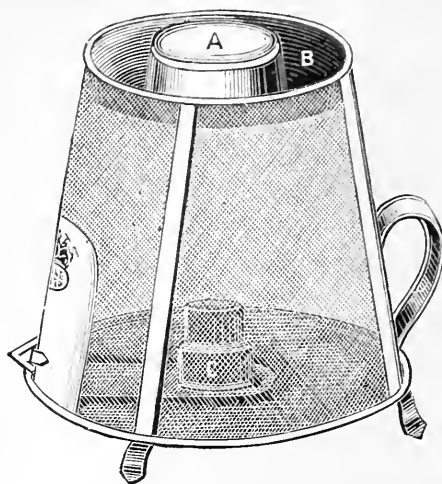


Fig. 1007.

Lee's Hot Air, or Calomel Vapour Bath (Fig. 1007)	...	£	s.	d.
		0	10	6

**DIRECTIONS FOR USE.**—Place the quantity of Calomel upon the small plate at the top of the apparatus (A). Fill the receiver (B) with boiling water; then half fill the small measure with spirits of wine, and pour into the lamp (C), which will burn the time required (fifteen minutes). Light the lamp, and place it between the legs (the patient sitting on a cane-bottomed chair), enveloped in a cloak, for the purpose of confining the vapour.

Waterproof Cloak for Vapour Bath	...	£	s.	d.
		0	15	6



Fig. 1008.

Portable Turkish Hot Air, or Vapour Bath, with Apparatus for use under Chair, Cloak and Iron Supports, in Box, complete (Fig. 1008)	...	...	...	2	10	0
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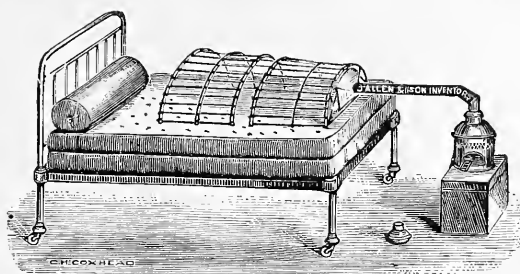


Fig. 1009.

Hot Air, or Vapour Bath, with Wicker Frame, complete £ s. d.  
 (Fig. 1009) ... .. 2 5 0

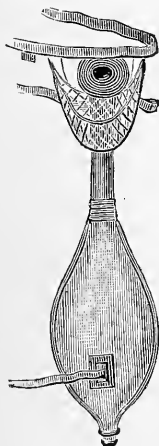


Fig. 1010.

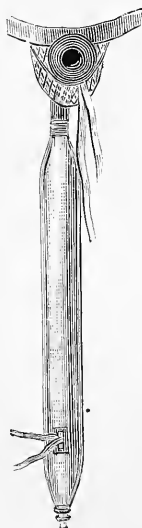


Fig. 1011.

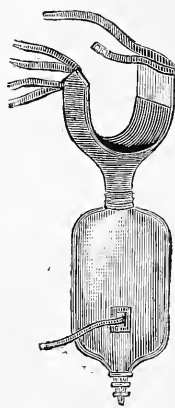


Fig. 1012.

Urinals, Earthenware, Male or Female	...	...	each	0	3	0
" Glass	"	"	"	0	2	0
" Pewter	"	"	"	0	5	0
" Solid India-rubber, Male or Female	...	"	"	0	5	0
" India-rubber, Male, for Day use...	...	"	"	0	10	6
" " " " Night use (Fig. 1010)	...	"	"	0	12	6
" " " " Travelling (Fig. 1011)	...	"	"	1	1	0
" " Female, for Day use (Fig. 1012)	...	"	"	0	12	6
" " " " Night use	...	"	"	0	16	0
Apparatus " Male or Female, for Fæces and Urine	...	"	"	1	1	0
Bed Pans, Earthenware, Slipper Shape	...	"	"	0	6	6
" " Round	...	"	"	0	6	6
" Slipper Shaped, in Japanned Tin	...	"	"	0	15	0

## ELECTRICAL APPARATUS.

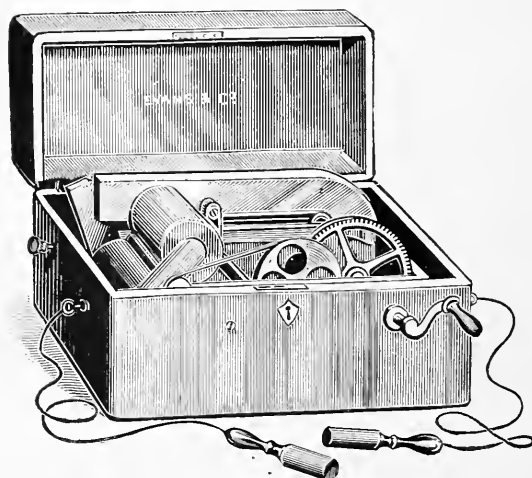


Fig. 1013.

		£	s.	d.
Electro-Magnetic Machine, Miniature, for the Pocket	...	1	5	0
„ „ „ Large size (Fig. 1013)	...	2	2	0
„ „ „ with dial Indicator	...	2	5	0

DIRECTIONS FOR USING ELECTRO-MAGNETIC MACHINES.—Connect the two metallic cords and handles, as shown in the illustration. The strength of the current is regulated by pulling out the knob at the end of the box. If the handles have a small piece of wet sponge placed in them, it prevents the pricking sensation, and gives a much more agreeable current. For toothache or neuralgia, the sponge should be placed over the part affected, and a vigorous current applied.



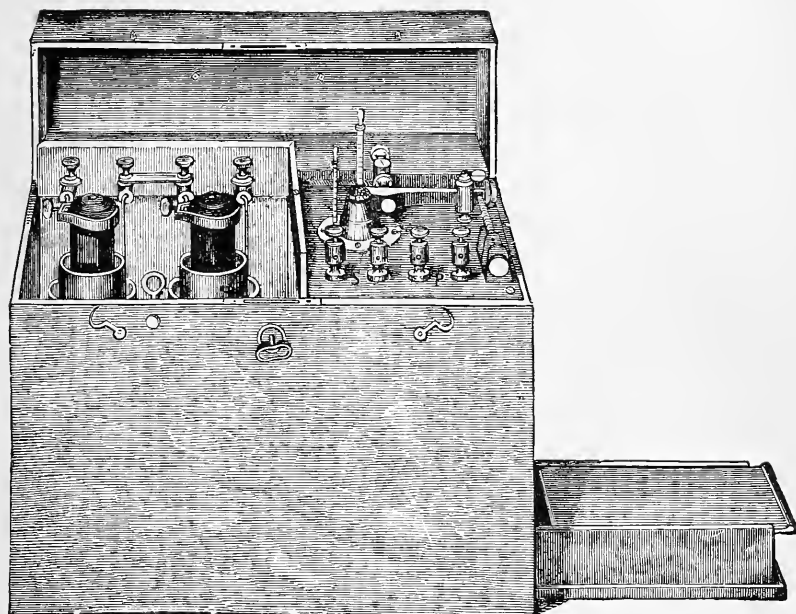


Fig. 1014.

	£ s. d.
Stöhrer's Double Cell Induction Apparatus (Fig. 1014) ...	6 6 0

This battery is divided into two parts, one containing the induction coil, and the other two glass cells. The elements consist of a hollow carbon fitted with a glass stopper, and filled with fine sand; this is surrounded by a zinc cylinder, which is insulated from the carbon by a number of small glass studs.

To charge the battery, put from ten to twelve drops of pure chromic acid on the sand and fill the cells about one-third full with a mixture of one part sulphuric acid to six parts of water. The cells can be raised or lowered at will by means of a handle between them, thus regulating the depth the elements are immersed. When not in use, the elements should be entirely removed from the solution.

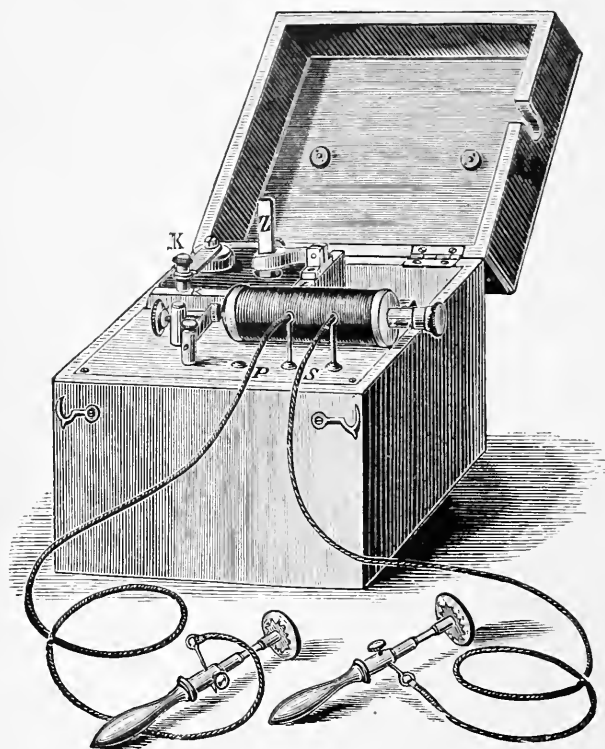


Fig. 1015.

	£	s.	d.
Portable Induced Current Battery (Fig. 1015) ...	...	2	2 0

This is a very compact and portable form of Faradic battery, fitted with a vulcanite cell, and is therefore not likely to be broken. It can be carried when charged without any fear of upsetting the solution, as, when not in use, the zinc is entirely withdrawn from the acid and the cell closed by an india-rubber stopper. All connections being open for inspection, it is easily cleaned and unlikely to get out of order. Is always ready for immediate use. The solution employed is inexpensive, Bichromate of Potash (for Formula, see page 328), and new zincs can be supplied at a nominal cost. The strength of the current is regulated by pulling out the core in the coil.

	£	s.	d.
Double-ended Electro-Magnet, for removing Pieces of Steel from the Eye, complete, with Battery Cell ...	1	15	0

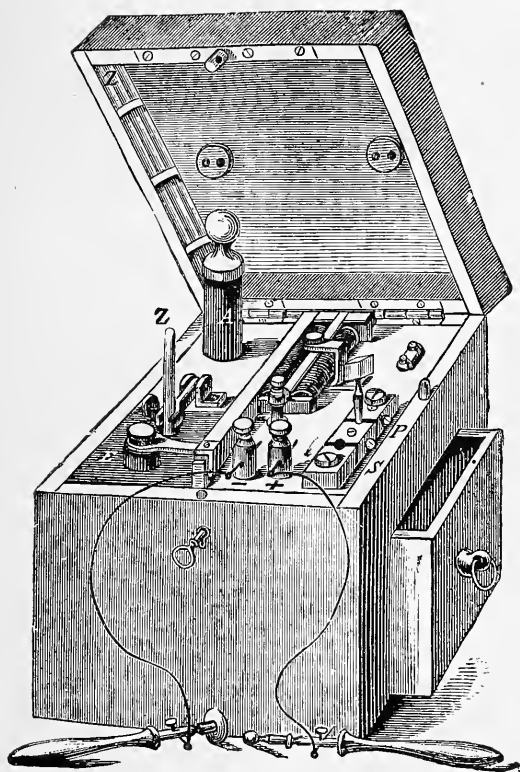


Fig. 1016.

£ s. d.

Spamer's Induced Current Battery, Single Cell (Fig. 1016)    2   2   0

To charge this battery, fill the cell E with Bichromate solution (for Formula, see page 328), insert the zinc in the clamp Z until it touches the solution, pull up the regulator A, and place the connecting wires into the terminals marked + positive, and - negative-poles. By plugging the stop in the hole marked P, the primary current is obtained, and in that marked S, the secondary. In the drawer are a number of different shaped Rheophores, "which before use should be moistened with a little salt and water," and a Faradisation brush.

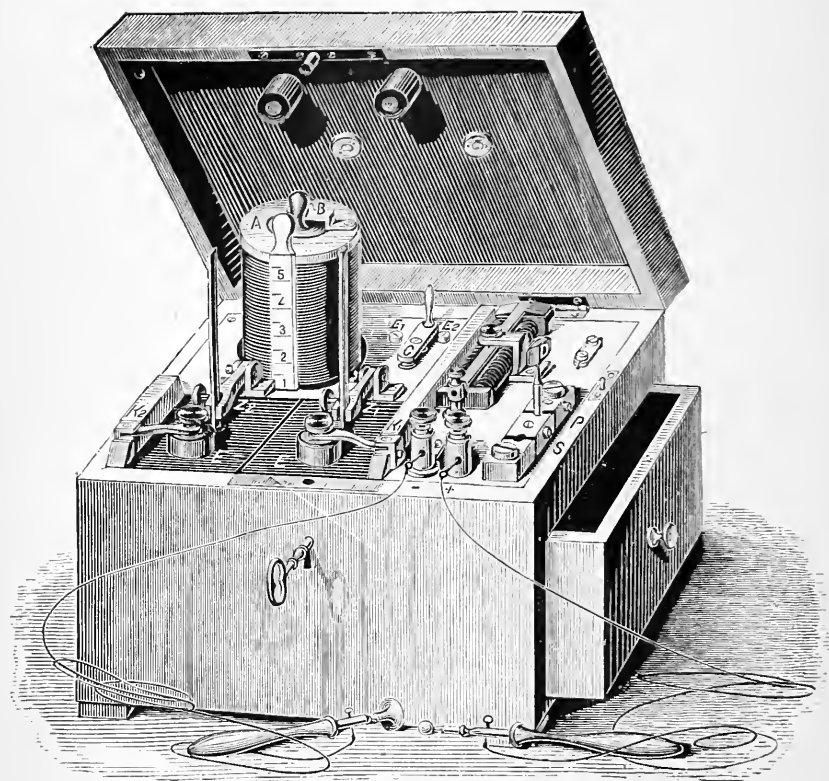


Fig. 1017.

Spamer's Induced Current Battery, Double Cell (Fig. £ s. d.  
 1017) ... .. 3 10 0

The Solution required to charge these Batteries, is:—

Bichromate of Potash	...	...	...	...	4 drachms.
Distilled Water	...	...	...	...	50 „
Sulphuric Acid	...	...	...	...	5 „
Bisulphate of Mercury	...	...	...	...	$\frac{1}{2}$ drachm.

Dissolve the Bichromate of Potash in boiling water, and when cold add the Sulphuric Acid and Mercury.

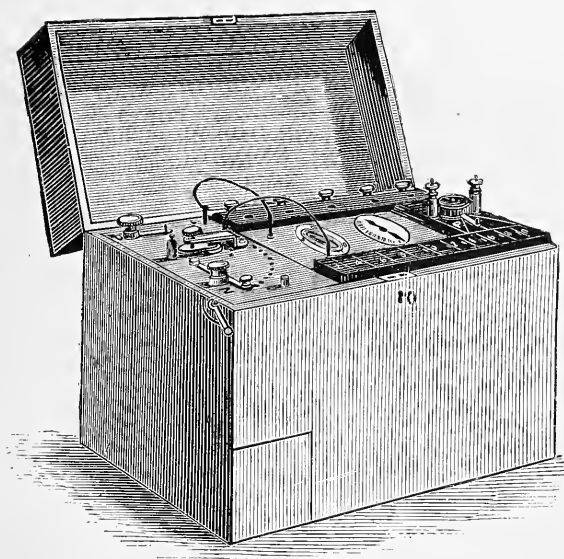


Fig. 1018.

Improved Portable Constant Current and Induction  
 Battery combined, made of various sizes; but for  
 ordinary purposes twenty Cells are sufficient. The  
 solution for charging the Battery is diluted Sulphuric  
 Acid, 1 in 20 (Fig. 1018) ... .. 12 o o

£ s. d.

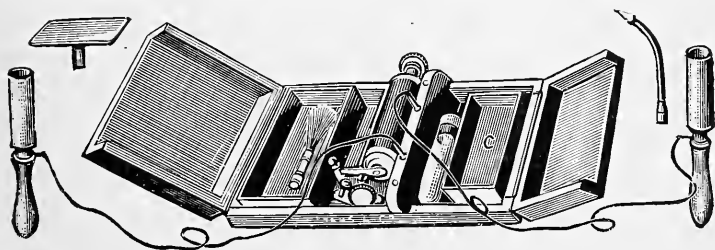
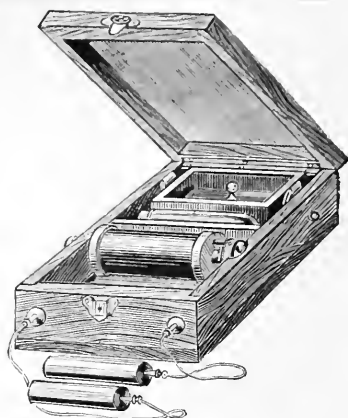


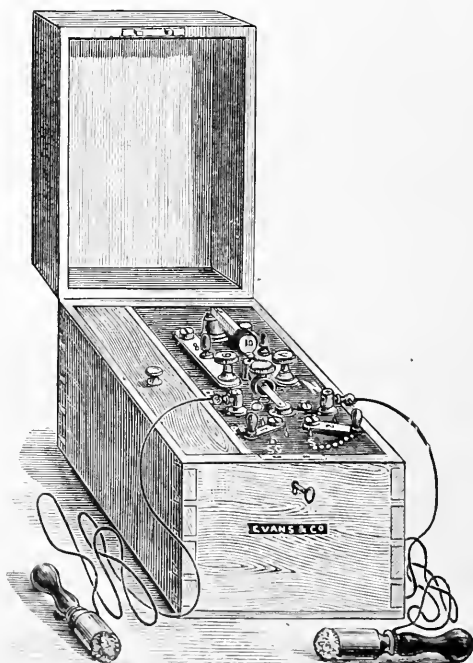
Fig. 1019.

Gaiffe's Induced Current Battery (Fig. 1019) ... .. 1 18 o



Pocket Induced Current Battery (Fig. 1020) ... .. £ s. d.  
... .. 1 1 0

To charge this battery, remove the zinc plate and carefully spread over the bottom of the cell a thin layer of Bisulphate of Mercury; replace the wet cloth and zinc cover, when the hammer will immediately commence to vibrate.



Mackenzie's Portable Faradic Battery (Fig. 1021) ... .. £ s. d.  
... .. 4 0 0

The Solution for charging this battery:—Bichromate of Potash, 3 drachms; Boiling Water, 4 ozs. When dissolved, add—Sulphuric Acid, 2 drachms; Bisulphate of Mercury,  $\frac{1}{4}$  drachm.

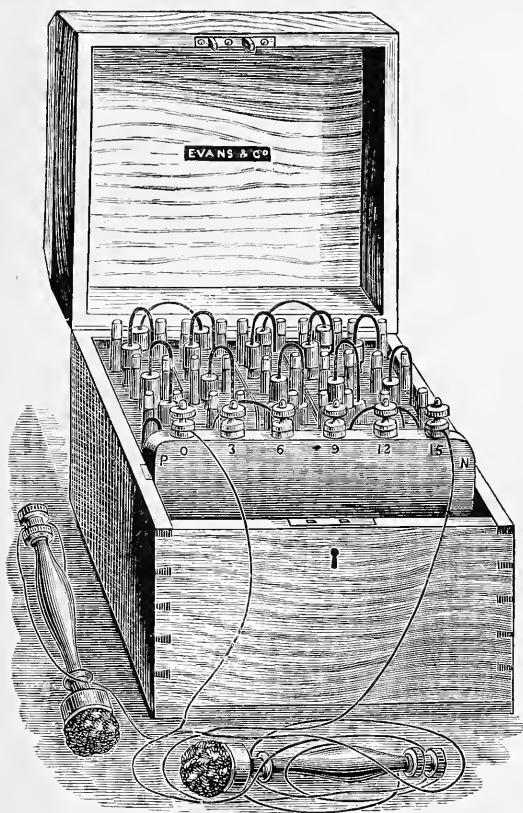


Fig. 1022.

	£	s.	d.
Leclanche's Constant Current Battery, 20 cells (Fig. 1022)	4	10	0
"    "    "    "    30 "    ...    ...	6	0	0
"    "    "    "    40 "    ...    ...	7	7	0
"    "    "    "    20 "    with Current Breaker ...	5	10	0
Leclanche's Constant Current Battery, 30 Cells, with Current Breaker ...	7	10	0
Leclanche's Constant Current Battery, 40 Cells, with Current Breaker ...	9	10	0
Leclanche's Constant Current Battery, with Commutator and Pole Reverser, 40 Cells ...	11	0	0
Leclanche's Constant Current Battery, with Commutator and Pole Reverser, 50 Cells ...	12	10	0
Leclanche's Constant Current Battery, with Commutator and Pole Reverser, 60 Cells ...	14	10	0

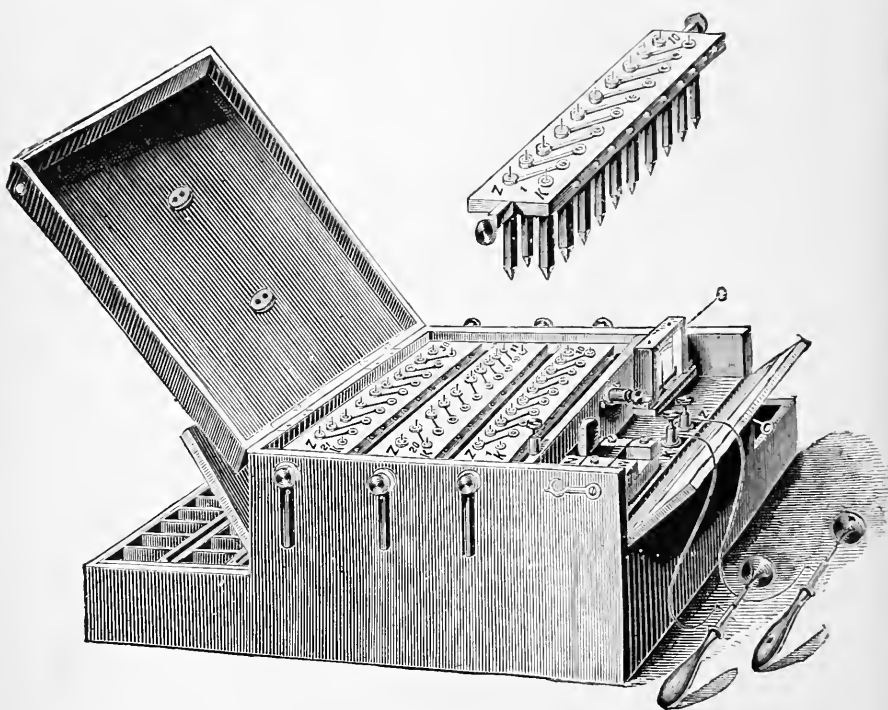


Fig. 1023.

Spamer's Constant Current Battery, 30 Cells (Fig. 1023)  $\begin{matrix} \text{£} & \text{s.} & \text{d.} \\ 8 & 8 & 0 \end{matrix}$

To charge the Battery, the following mixture is required :—

Bichromate of Potash	...	...	...	...	4 drachms.
Distilled Boiling-water	...	...	...	...	50 "

When dissolved, add—

Sulphuric Acid	...	...	...	...	5 "
Bisulphate of Mercury	...	...	...	...	$\frac{1}{2}$ drachm



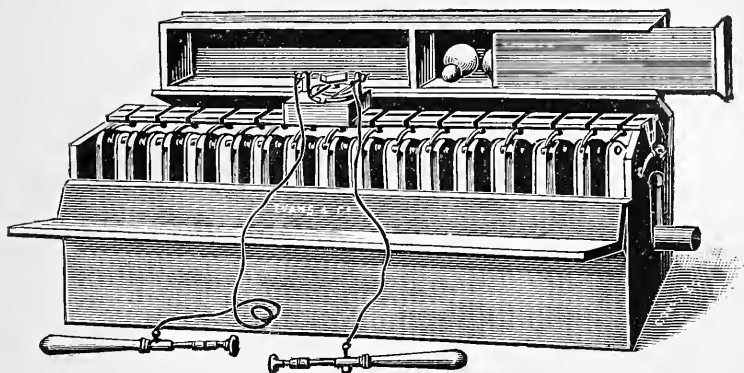


Fig. 1024.

Stöhrer's Constant Current Battery, 40 Cells (Fig. 1024)  $\begin{matrix} \text{£} & \text{s.} & \text{d.} \\ 12 & 0 & 0 \end{matrix}$

This Battery is made in three sizes, viz. : 12, 30 and 40 cells, and is supplied with electrodes for applying electricity to various parts of the body, and fitted with current breaker and reverser. The solution consists of Sulphuric Acid, 1 in 18, to 20 parts of water.

Smee's Constant Current Battery, 30 Cells	...	...	8	10	0
"                    "                    "                    "                    50    "	...	...	12	12	0



Fig. 1025.

THROAT EXAMINATION BY ELECTRIC LIGHT.

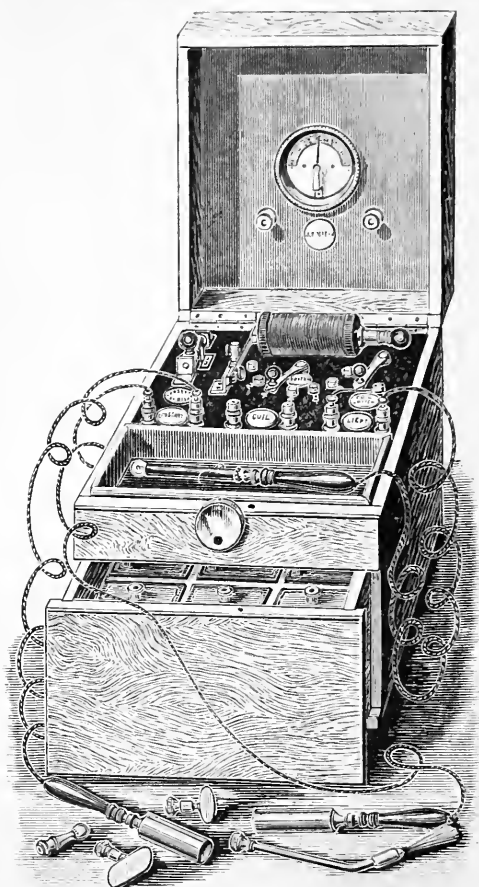


Fig. 1026.

The Combined "Primary Intermittent," "Secondary *£ s. d.*  
Intermittent," "Constant Current," and Electric  
Light Examination Battery (Fig. 1026) ... .. 10 10 0

This "Combination" Instrument has been constructed to meet a long-felt want of the Medical Profession. This fourfold Battery works the "Induction Coil," can be used as a "Constant Current," and gives a sufficient light for the examination of the throat, &c. (Fig. 1025). A Galvanometer is attached, to see that the cells are in order. Cells requiring repair, and sent to us by post, will be made equal to new, and returned same day, charge 1s.

The case, in addition to Galvanometer and Coil, contains a removable Incandescent Lamp, Holder, Handles, Rheophores, Wire, Switches, Current Reverser, Metal Brush, &c. Care should be taken not to switch on more power than four cells at first for the "light."

The Battery Cells can be tested without the wires being disconnected. The Battery Drawer should be pulled out when testing, or for examination.

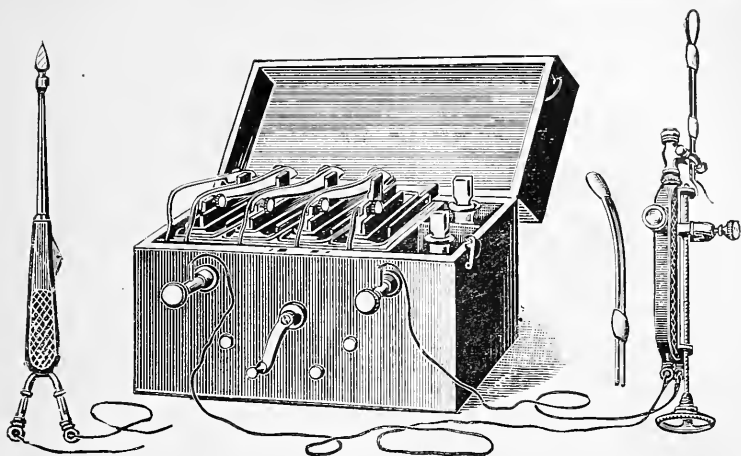


Fig. 1028.

Fig. 1027.

Fig. 1029.

Evans & Wormull's Improved Cautery Battery, complete, £ s. d.  
 with Ecraseur and Cautery (Figs. 1027, 1028, and  
 1029) ... .. 13 10 0

Combines lightness and portability with great power and facility of use.

It consists of four pairs of carbon and zinc plates, with porcelain cells, to be charged with diluted sulphuric acid, 1 in 10, and porous cells with strong nitric acid; two bottles containing the acids; electrodes, &c.; all enclosed in a neat portable case.

The conduction wires are fastened on outside the case, and by means of a lever the number of cells in action can be easily regulated.

The Galvanic Ecraseur, Straight and Curved, is shown in connection on the right of the Illustration, and the Porcelain and Platinum Cautery on the left.

Ecraseur, with Straight and Curved Mounts, in Case, £ s. d.  
 complete (Fig. 1029) ... .. 4 10 0  
 Porcelain and Platinum Cautery (Fig. 1028) ... .. 1 10 0  
 Lennox Browne's Galvano Cautery Battery, with Foot  
 Lever for Connecting and Breaking the Current ... 7 7 0

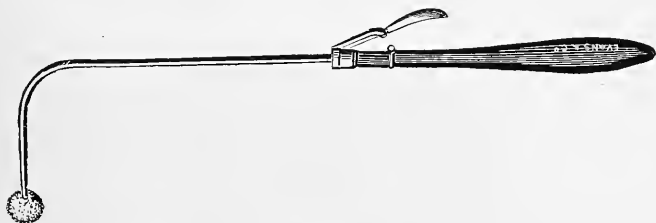


Fig. 1030.

Laryngeal Rheophore (Fig. 1030)... .. 0 8 0  
 Necklet for Laryngeal Rheophore (see Fig. 430)... .. 0 2 6

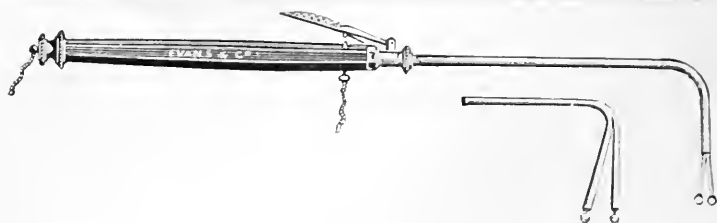


Fig. 1031.

					£	s.	d.
Mackenzie's Laryngeal Rheophore (Fig. 1031)	...	...	...	...	1	1	0
Ear Rheophore	...	...	...	...	0	8	6
Urethral Rheophore	...	...	...	...	0	4	6
Uterine	..	...	...	...	0	4	6
Vaginal	..	...	...	...	0	7	6



Fig. 1032.

Sponge Rheophore (Fig. 1032)	...	...	...	...	0	5	0
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Fig. 1034.

Sponge Rheophore (Fig. 1034)	...	...	...	...	0	4	0
Foot Rheophore	...	...	...	...	0	5	6
Nose	..	...	...	...	0	7	6
Rectum	..	...	...	...	0	8	6
Spinal	..	...	...	...	0	5	6



Fig. 1035.



Fig. 1035.



Fig. 1035.

Faradisation Brush (Fig. 1035)	...	...	...	each	0	2	6
.. Plate (.. 1035)	...	...	...	..	0	2	6
Olivary Rheophore (.. 1035)	...	...	...	..	0	2	6
Metallic Brush, for the Teeth	...	...	...	..	0	5	0
Conducting Cords, with Mounts	...	...	...	per pair	0	6	0
Electrolysis Needles, with Serrefine Handles	...	...	...	each	0	5	0
Electrolysis Needles, Insulated to the Point, with Serrefine Handles, set of three	...	...	...	...	0	13	6
Lund's Caustery Needles, with Handle	...	...	...	per set of six	0	7	6

**POST-MORTEM & DISSECTING INSTRUMENTS.**

Post-mortem Set of Instruments, in Mahogany

Case, containing:—

Saw, Chisel, Catlin, and Cartilage Knife, fitting  
into one Handle.

Three Scalpels.

Pair Scissors.

Spring Forceps.

Needles.

Set Chain Hooks ... .. £ s. d.

2 5 0

Post-mortem Set of Instruments, in Mahogany

Case, containing:—

Saw.

Hammer.

Straight Chisel.

Spine Chisel.

Catlin.

Cartilage Knife.

Bowel Scissors.

Dissecting Scissors.

Two Scalpels.

Blow Pipe.

Spring Forceps.

Needles ... .. 3 8 0

Post-mortem Set of Instruments, in Mahogany

Case, containing:—

Post-mortem Saw, large size.

" " Hammer.

Spine Chisel.

Chisel with Cross Handle.

Three Cartilage Knives.

Brain Knife.

Five Scalpels.

Tang Scalpel.

Bowel Scissors.

Dissecting Scissors.

Tripod.

Two Pair Dissecting Forceps.

Set Chain Hooks.

Blow Pipe.

Large P. M. Needles.

Small " " ... .. 6 0 0

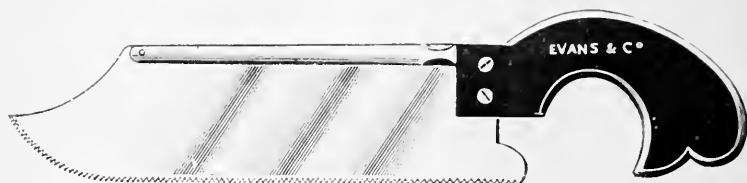


Fig. 1036.

					£	s.	d.
Post-mortem Saw (Fig. 1036)	...	...	...	...	0	10	0
" " Double Saw, for Spine	...	...	...	...	2	5	0

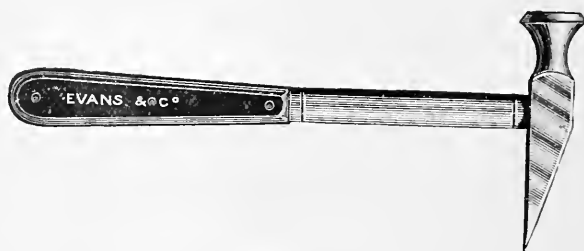


Fig. 1037.

Post-mortem Hammer (Fig. 1037)	...	...	...	...	0	10	6
" " " with Steel Handle...	...	...	...	...	0	9	6

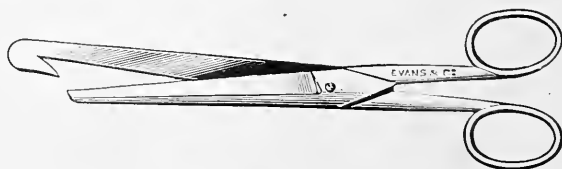


Fig. 1038.

Bowel Scissors (Fig. 1038)	...	...	...	...	0	9	6
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Fig. 1039.

Dissecting Scissors (Fig. 1039)	2s. 6d., 3s., 3s. 6d. and	0	4	0
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Fig. 1040.

						£	s.	d.
Tang Scalpel (Fig. 1040)	...	...	...	...	...	0	4	0



Fig. 1041.

Cartilage Knife (Fig. 1041)	...	...	...	...	...	0	4	6
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Fig. 1042.

Dissecting Hook (Fig. 1042)	...	...	...	...	...	0	2	0
Brain Knife...	...	...	...	...	...	0	5	6



Fig. 1043.



Fig. 1044.

Scalpels made in Six different sizes (Figs. 1043 and 1044)	each	0	2	0
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Fig. 1045.

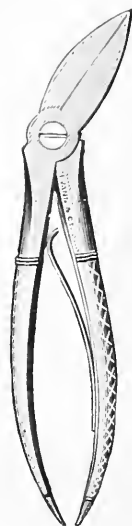


Fig. 1046.



Fig. 1047.

			£	s.	d.
Bone Cutting Forceps, Straight (Fig. 1045)	...	...	0	10	6
" " " Right or Left (Figs. 1046, 1047)	...	...	12s.	6d.	and
			0	15	0

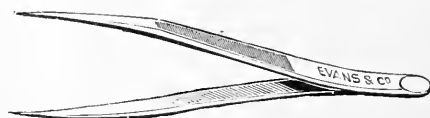


Fig. 1048.

Spring Forceps (Fig. 1048)	...	...	2s.	6d.	and	0	3	0
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Fig. 1049.

Chisel (Fig. 1049)	...	...	...	...	...	0	4	0
" Straight	...	...	...	...	...	0	3	6
" for Spine	...	...	...	4s.	6d.	and	0	5
" with Cross Handle	...	...	...	4s.	6d.	"	0	5





Fig. 1050.

						£	s.	d.
Chain Hooks (Fig. 1050)	...	...	...	...	...	0	2	2
Single „	...	...	...	...	...	0	2	0



Fig. 1051.

Blow Pipe (Fig. 1051)	...	...	...	...	...	0	2	0
„ „ Extra Large	...	...	...	...	...	0	3	6



Fig. 1052.



Fig. 1053.



Fig. 1054.

Post-mortem Needles (Fig. 1052)...	...	per doz.	0	7	0
„ „ (Fig. 1053)...	...	„	0	3	0
„ „ (Fig. 1054)...	...	„	0	3	0
Head Rest Bipod ...	...	...	0	7	6
„ „ Tripod...	...	...	1	5	0
Coronet to Facilitate the Removal of the Top of the Skull	...	...	1	5	0

Dissecting Instruments, in Mahogany Case, containing :—

### Four Scalpels.

Pair Dissecting Scissors.

Forceps.

Blow Pipe.

Set of Chain Hooks.	...	...	...	...	0 16 0
---------------------	-----	-----	-----	-----	--------

○ 16 ○

Dissecting Instruments, in Mahogany Case, containing :—

### Six Scalpels.

Pair Large Dissecting Scissors.

Small

Dissecting Forceps.

Blow Pipe.

Set of Chain Hooks.	...	...	...	...	I	I	o
---------------------	-----	-----	-----	-----	---	---	---

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